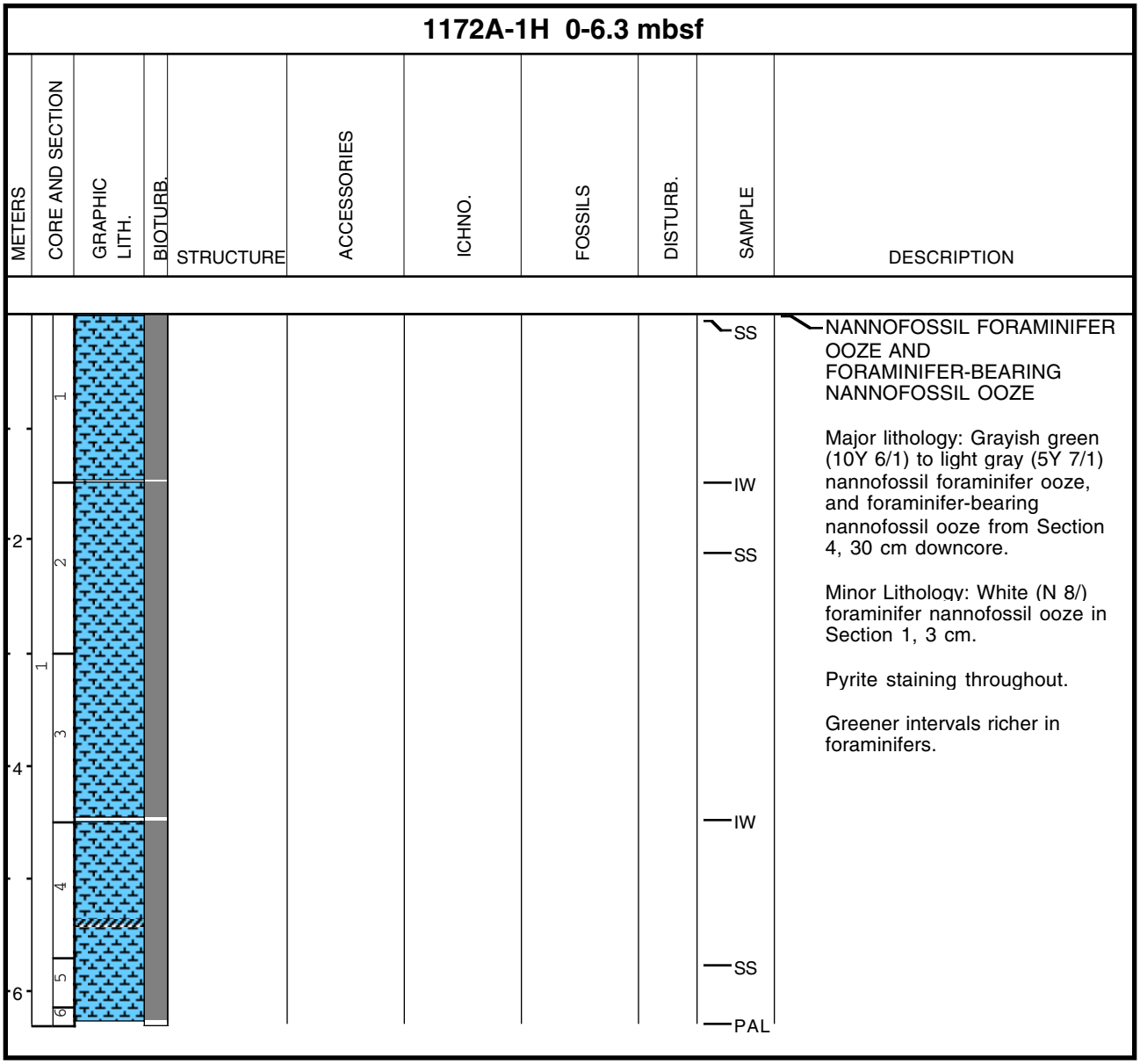
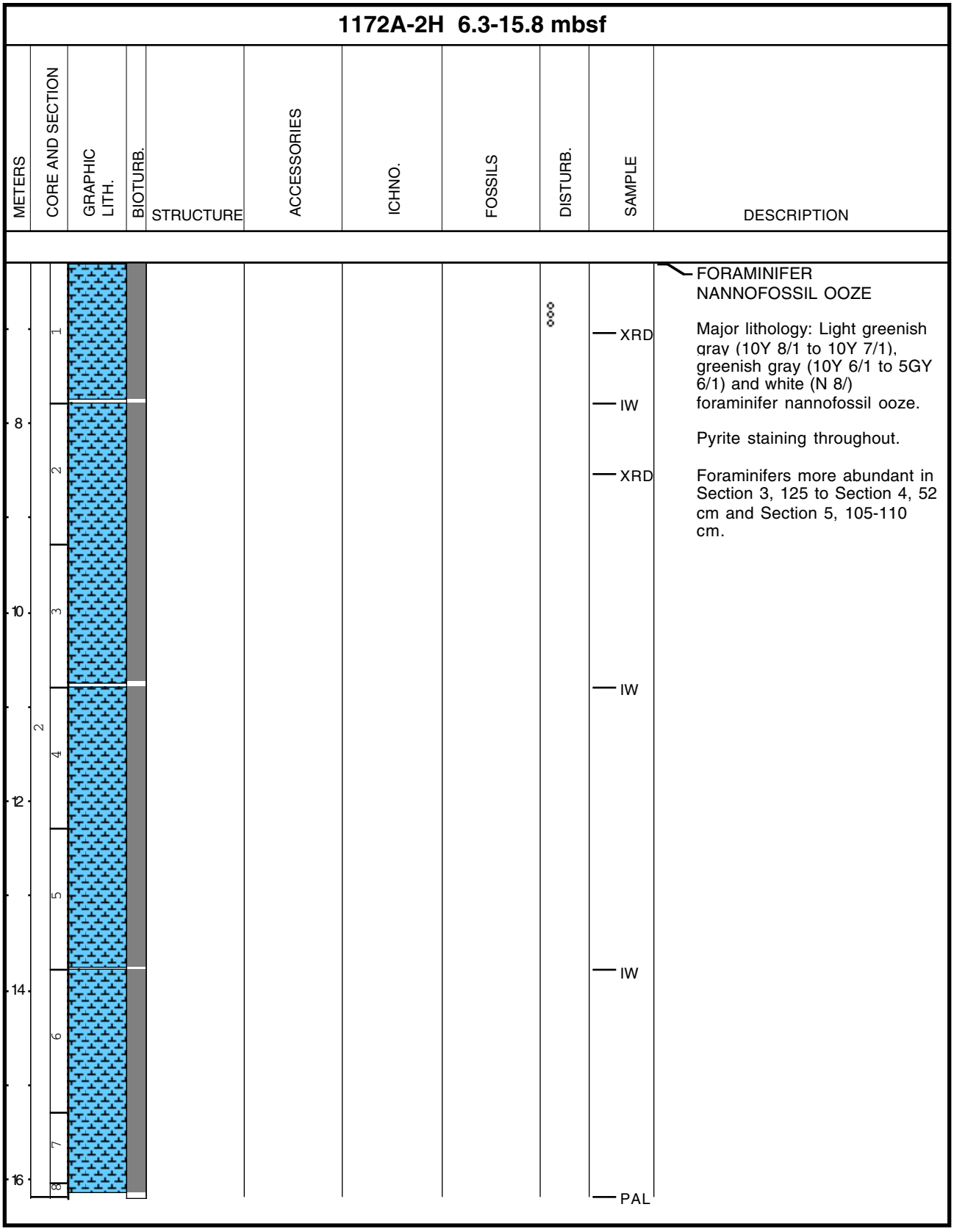
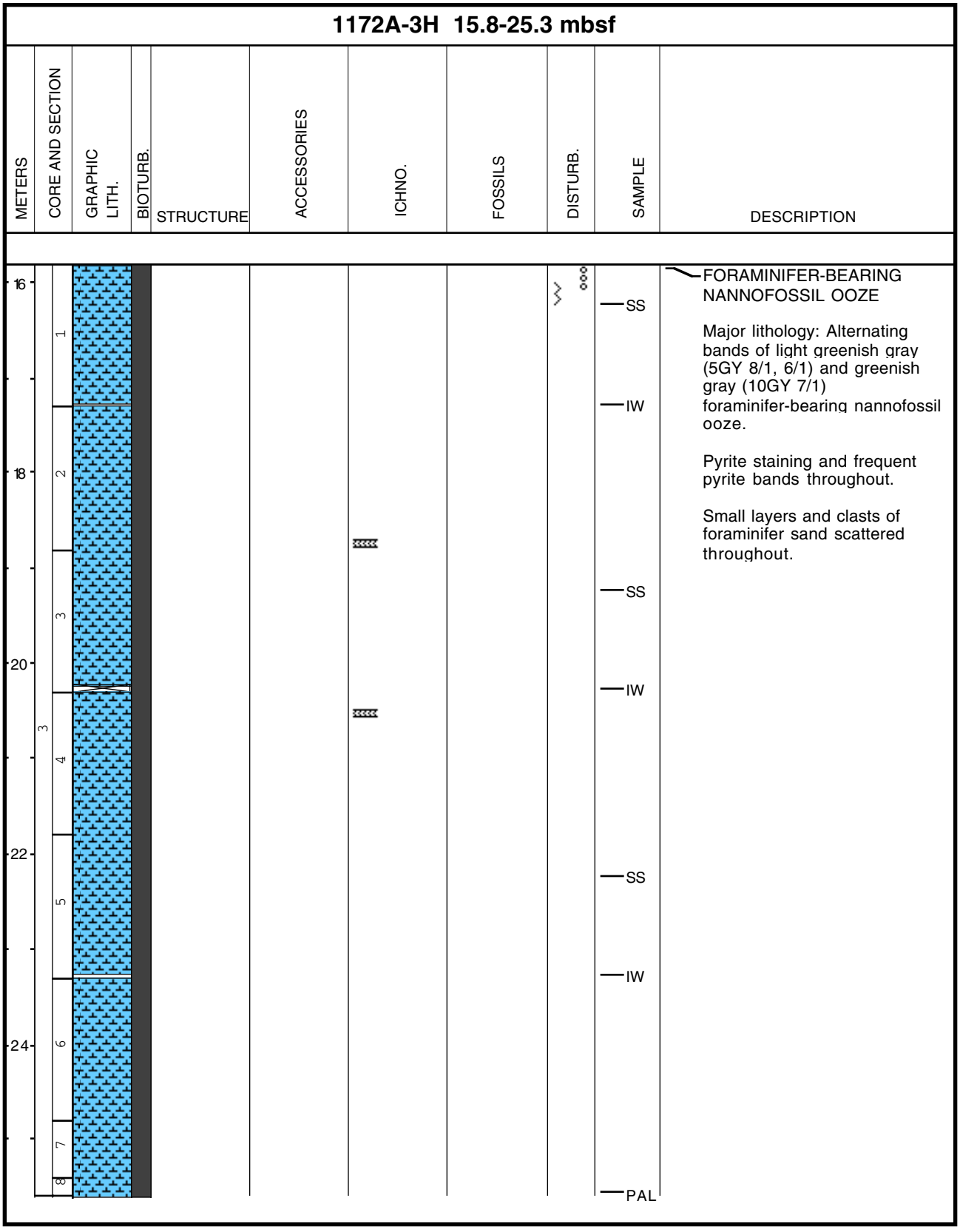
Core Photo


1172A-1H 0-6.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
2
4
6
1
2
3
4
5
6
SS
IW
SS
IW
SS
PAL
NANNOFOSSIL FORAMINIFER OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Grayish green (10Y 6/1) to light gray (5Y 7/1) nannofossil foraminifer ooze, and foraminifer-bearing nannofossil ooze from Section 4, 30 cm downcore.
Minor Lithology: White (N 8/) foraminifer nannofossil ooze in Section 1, 3 cm.
Pyrite staining throughout.
Greener intervals richer in foraminifers.

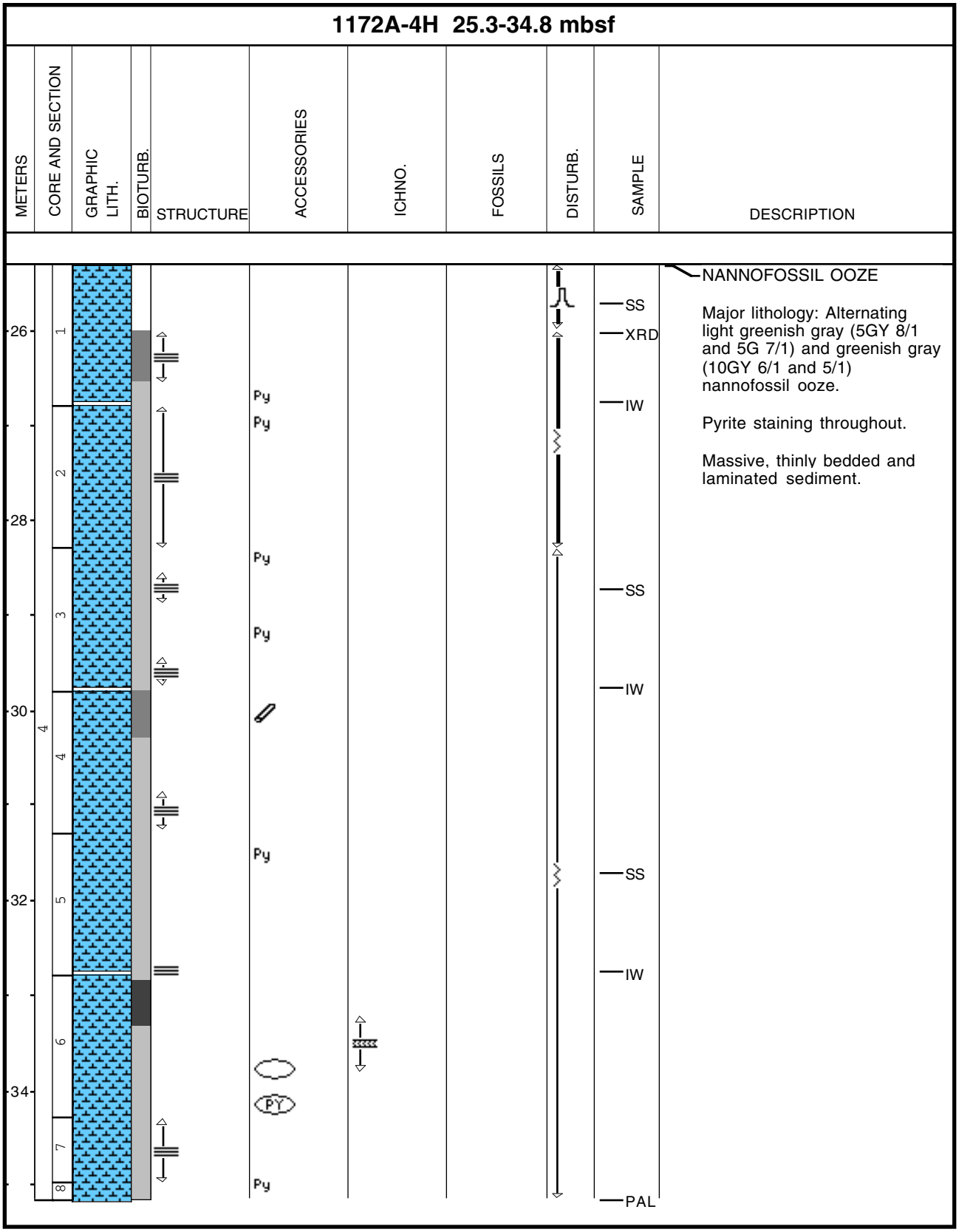
Core Photo


1172A-2H 6.3-15.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
8
10
12
14
16
1
2
3
4
5
6
7
8
XRD
IW
XRD
IW
IW
PAL
FORAMINIFER NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10Y 8/1 to 10Y 7/1), greenish gray (10Y 6/1 to 5GY 6/1) and white (N 8/) foraminifer nannofossil ooze.
Pyrite staining throughout.
Foraminifers more abundant in Section 3, 125 to Section 4, 52 cm and Section 5, 105-110 cm.

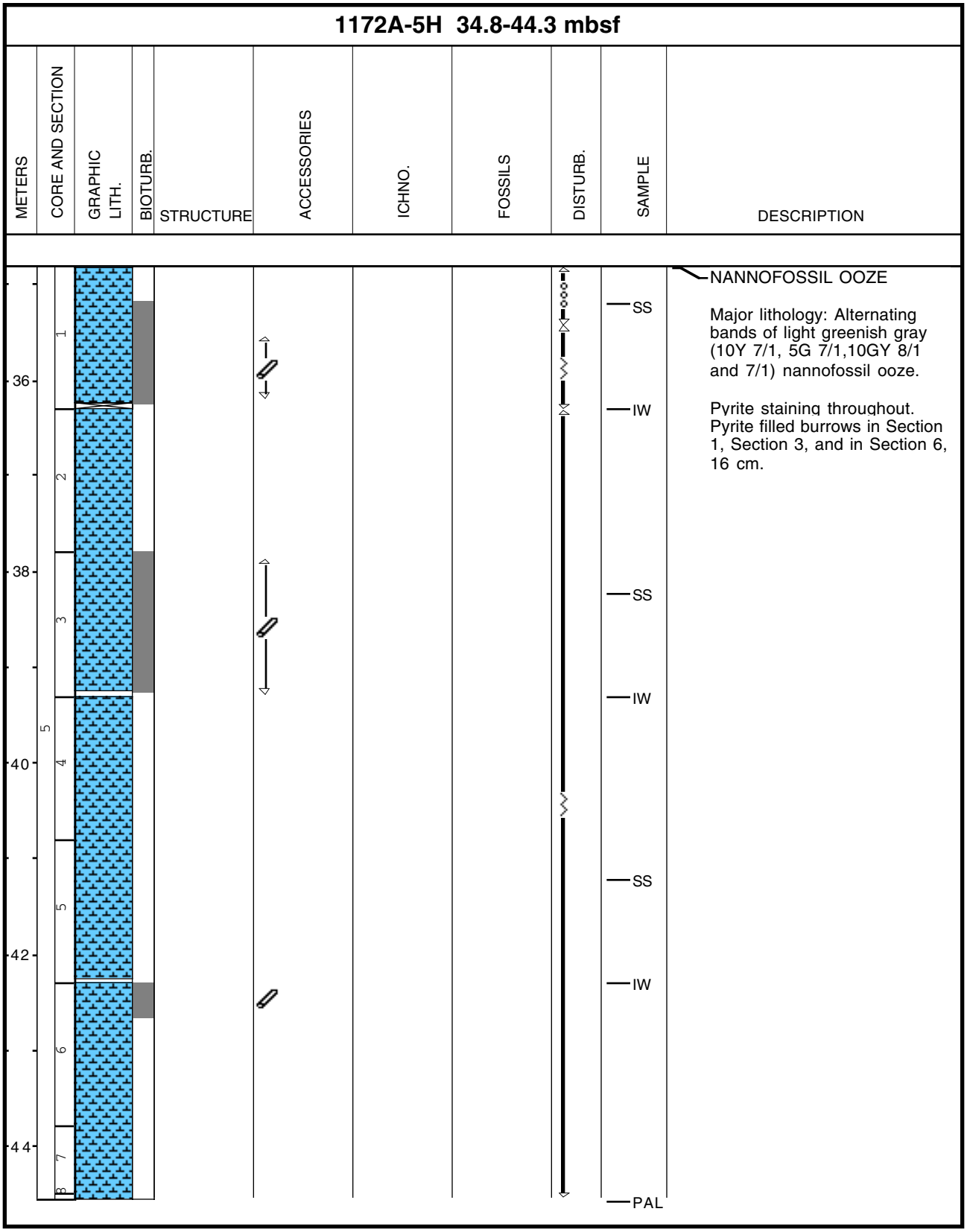
Core Photo


1172A-3H 15.8-25.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
16
18
20
22
24
1
2
3
4
5
6
7
8
SS
IW
SS
IW
SS
IW
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Alternating bands of light greenish gray (5GY 8/1, 6/1) and greenish gray (10GY 7/1) foraminifer-bearing nannofossil ooze.
Pyrite staining and frequent pyrite bands throughout.
Small layers and clasts of foraminifer sand scattered throughout.

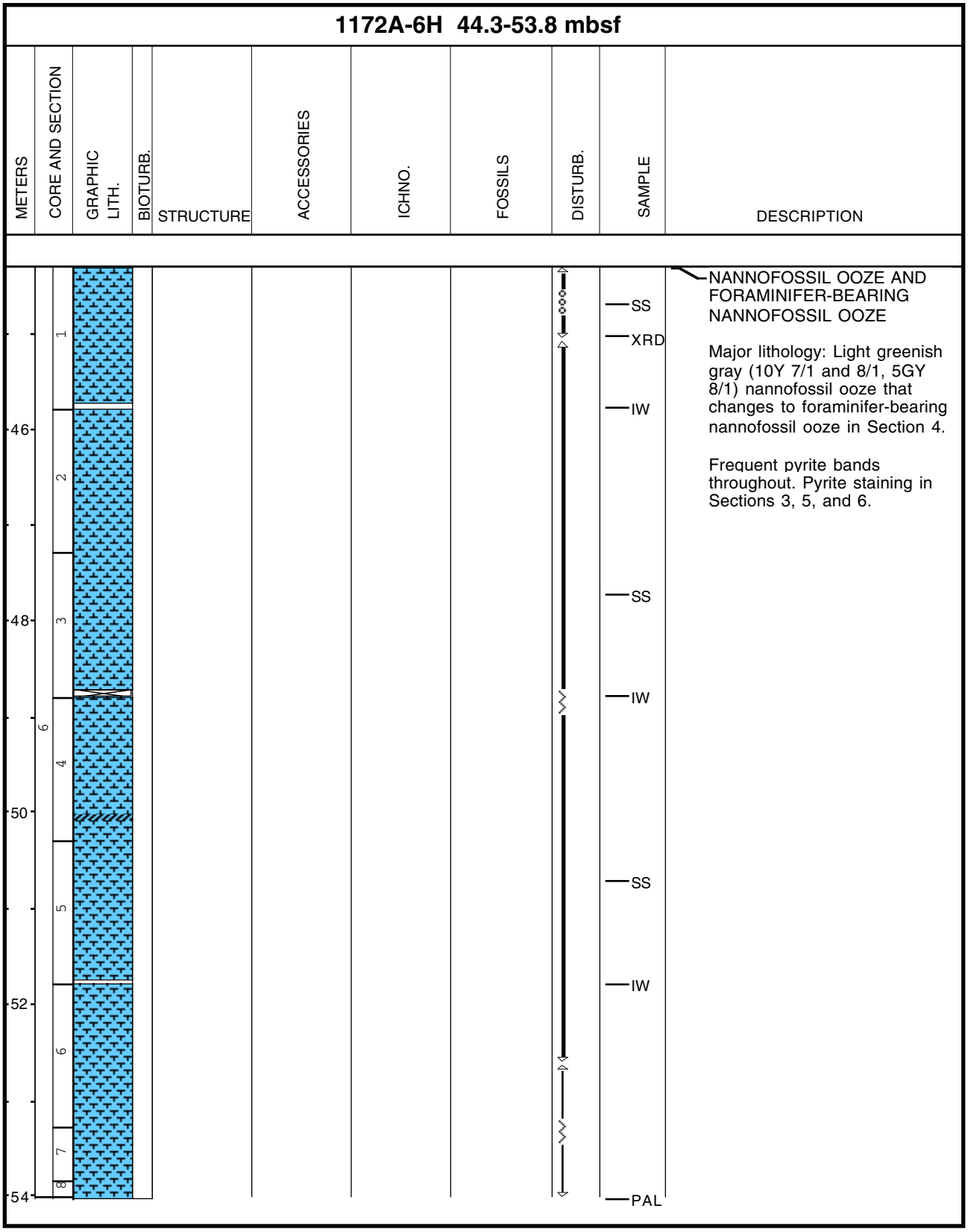
Core Photo


1172A-4H 25.3-34.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
26
28
30
32
34
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
PY
Py
SS
XRD
IW
SS
IW
SS
IW
PAL
NANNOFOSSIL OOZE
Major lithology: Alternating light greenish gray (5GY 8/1 and 5G 7/1) and greenish gray (10GY 6/1 and 5/1) nannofossil ooze.
Pyrite staining throughout.
Massive, thinly bedded and laminated sediment.

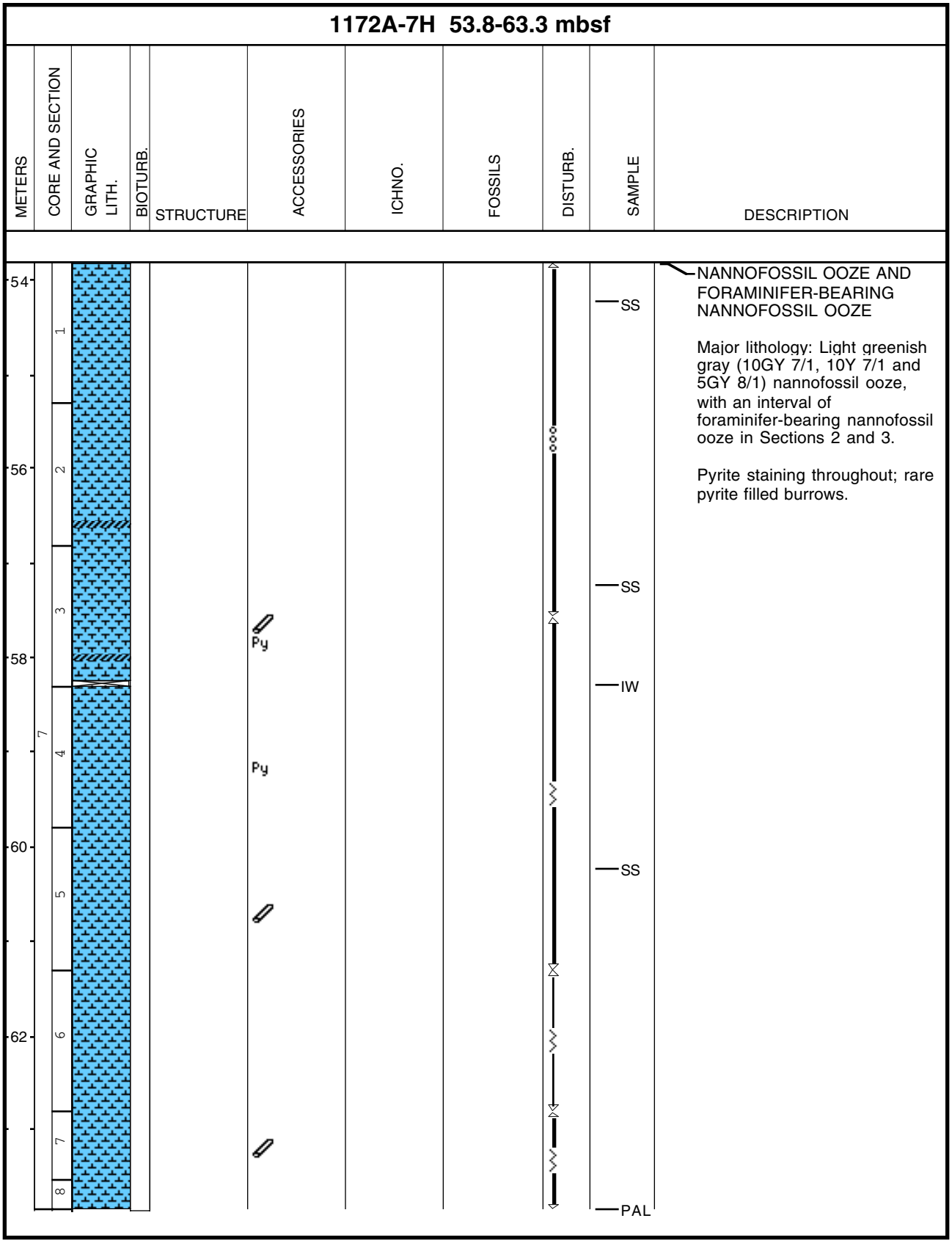
Core Photo


1172A-5H 34.8-44.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
36
38
40
42
44
1
2
3
4
5
6
7
CC
SS
IW
SS
IW
SS
IW
PAL
NANNOFOSSIL OOZE
Major lithology: Alternating bands of light greenish gray (10Y 7/1, 5G 7/1,10GY 8/1 and 7/1) nannofossil ooze.
Pyrite staining throughout. Pyrite filled burrows in Section 1, Section 3, and in Section 6, 16 cm.

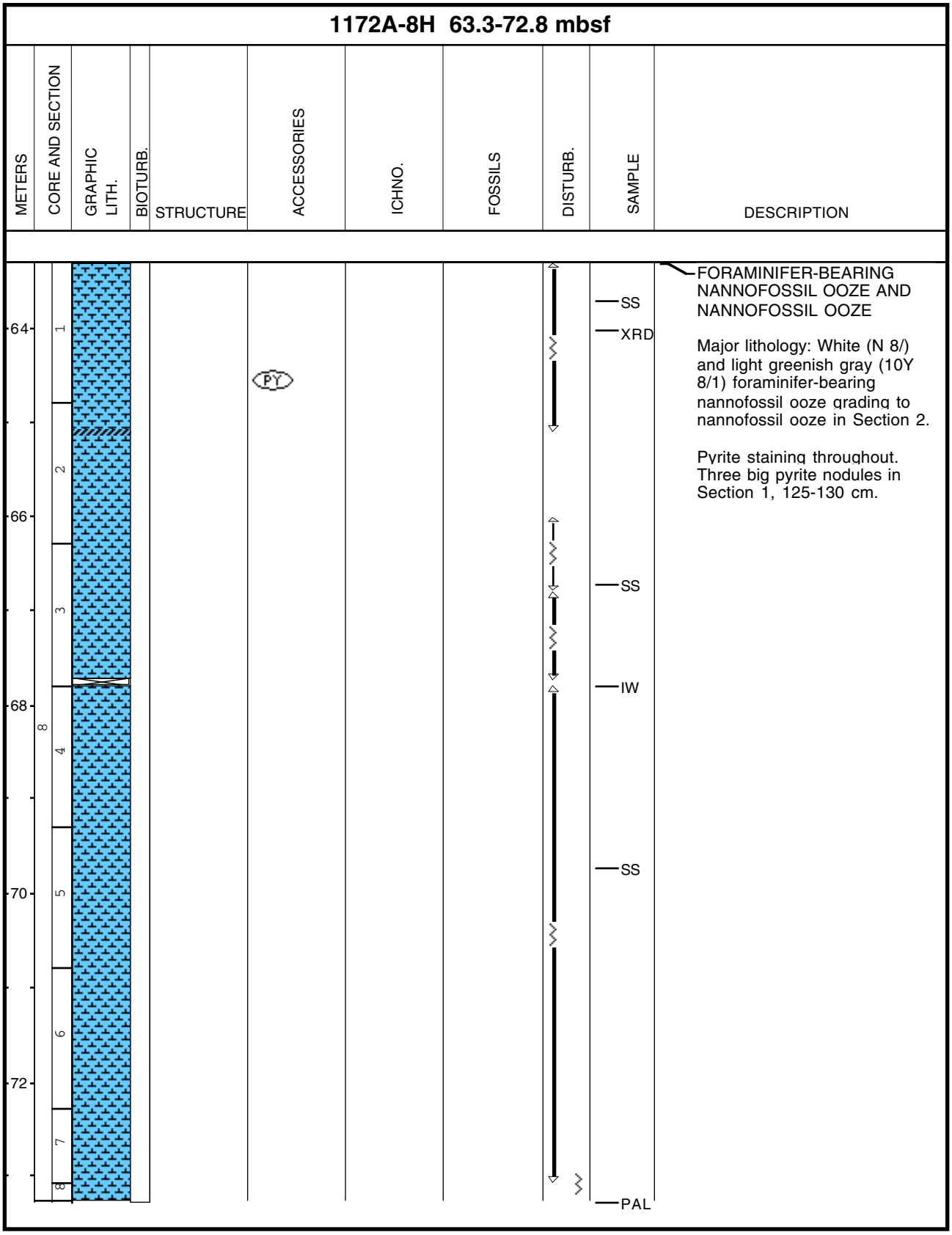
Core Photo


1172A-6H 44.3-53.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
46
48
50
52
54
1
2
3
4
5
6
7
8
SS
XRD
IW
SS
IW
SS
IW
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10Y 7/1 and 8/1, 5GY 8/1) nannofossil ooze that changes to foraminifer-bearing nannofossil ooze in Section 4.
Frequent pyrite bands throughout. Pyrite staining in Sections 3, 5, and 6.

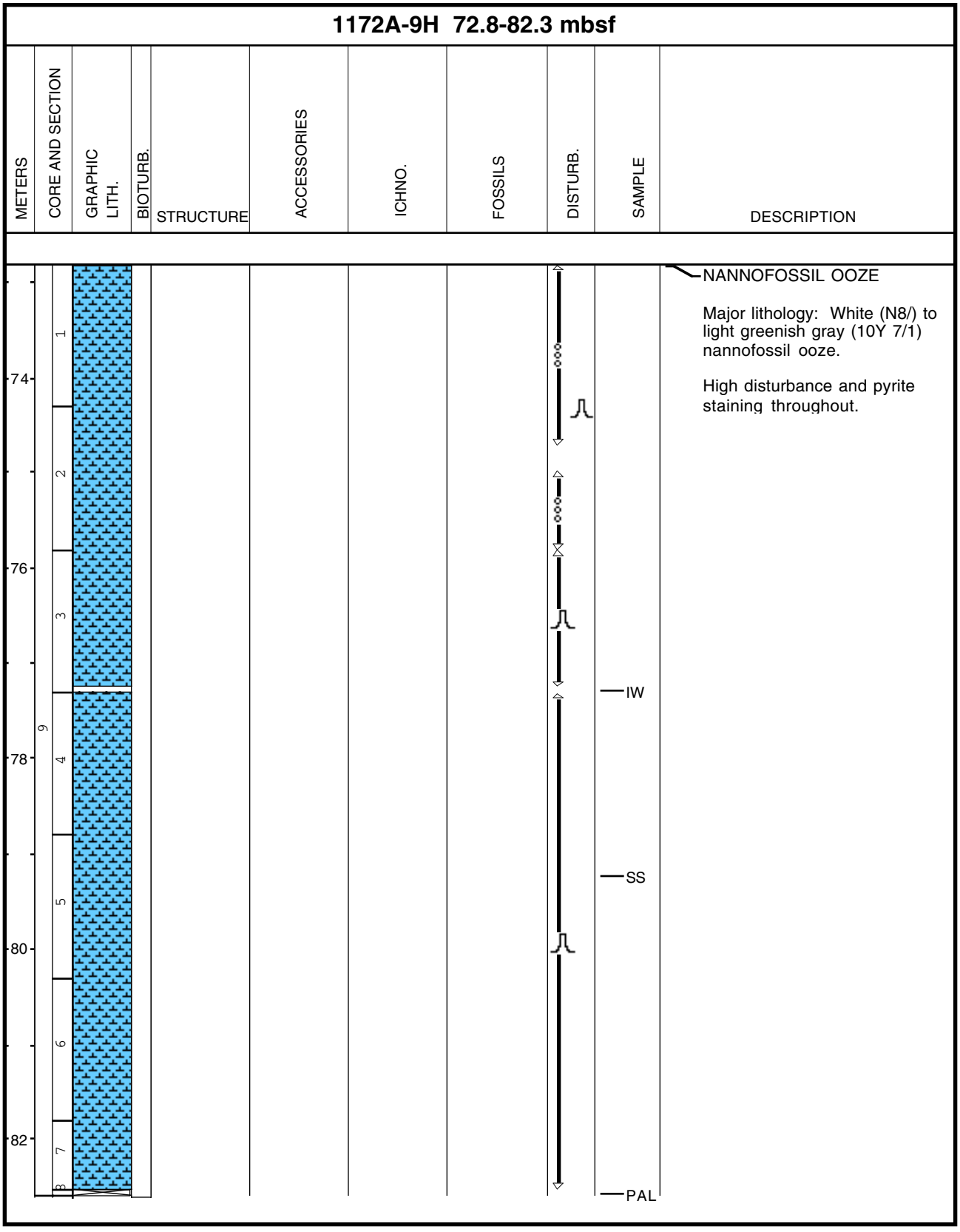
Core Photo


1172A-7H 53.8-63.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
54
56
58
60
62
1
2
3
4
5
6
7
8
Py
Py
SS
SS
IW
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10GY 7/1, 10Y 7/1 and 5GY 8/1) nannofossil ooze, with an interval of foraminifer-bearing nannofossil ooze in Sections 2 and 3.
Pyrite staining throughout; rare pyrite filled burrows.

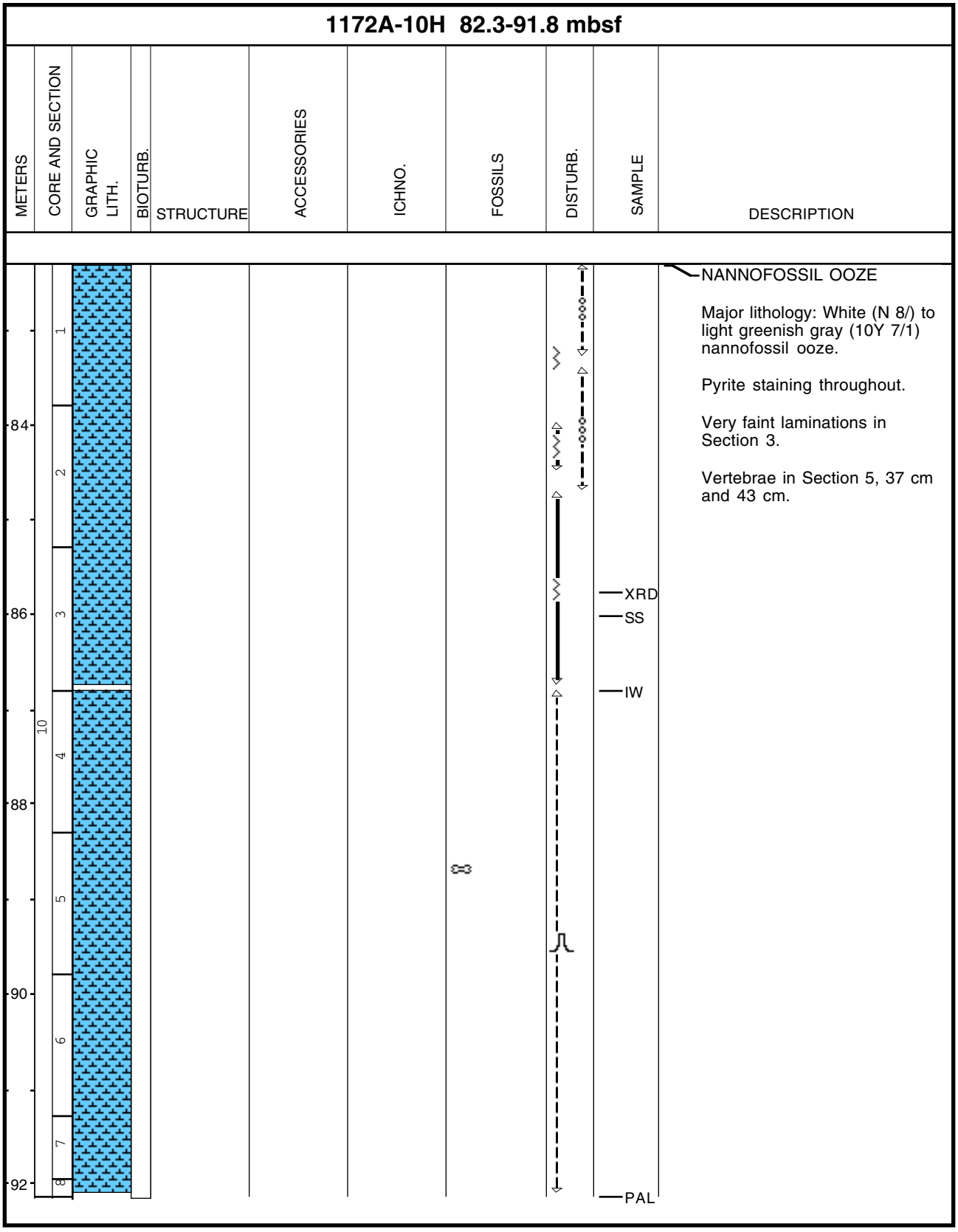
Core Photo


1172A-8H 63.3-72.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
64
66
68
70
72
1
2
3
4
5
6
7
8
8
PY
SS
XRD
SS
IW
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE AND NANNOFOSSIL OOZE
Major lithology: White (N 8/) and light greenish gray (10Y 8/1) foraminifer-bearing nannofossil ooze grading to nannofossil ooze in Section 2.
Pyrite staining throughout. Three big pyrite nodules in Section 1, 125-130 cm.

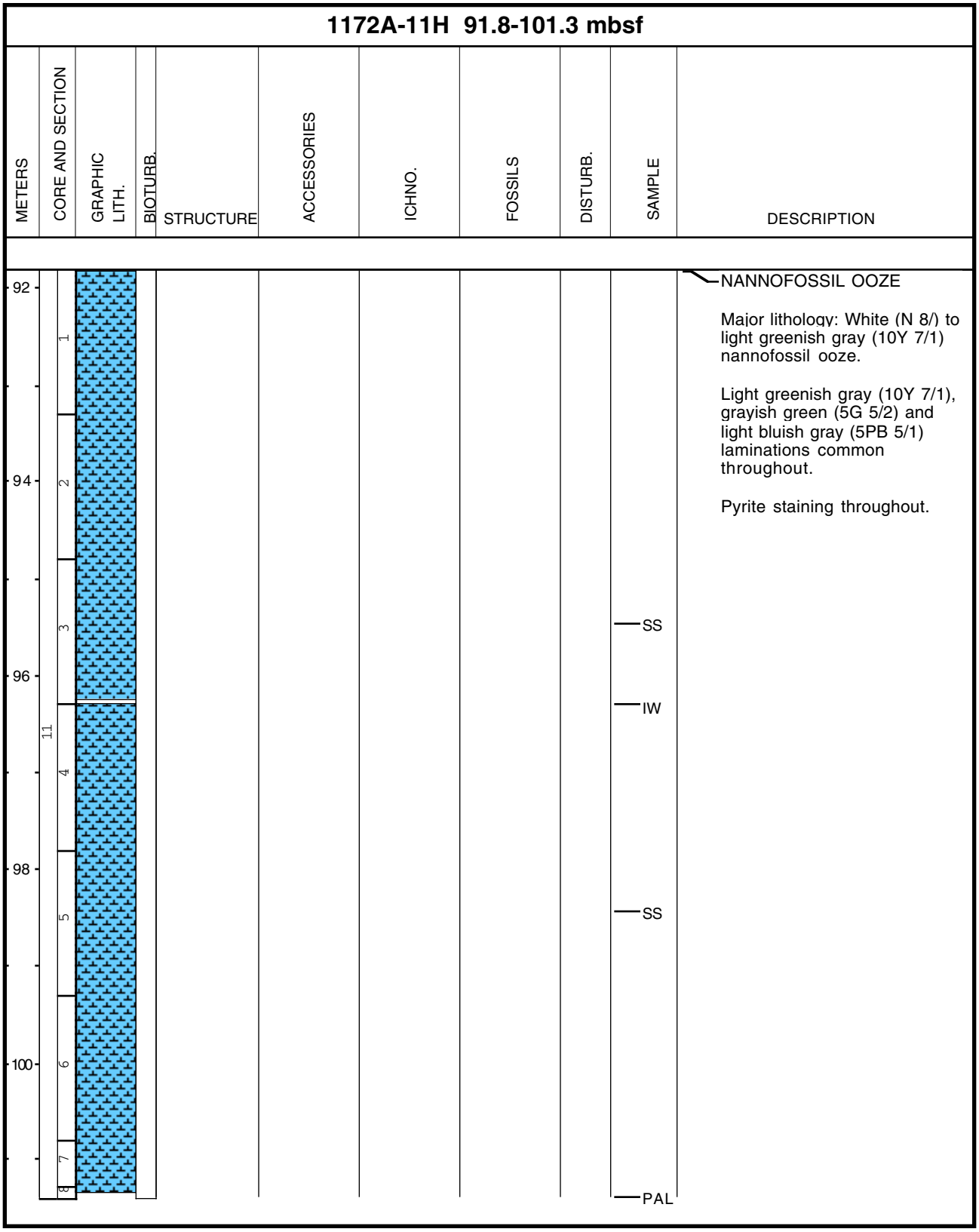
Core Photo


1172A-9H 72.8-82.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
74
76
78
80
82
1
2
3
4
5
6
7
8
9
IW
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N8/) to light greenish gray (10Y 7/1) nannofossil ooze.
High disturbance and pyrite staining throughout.

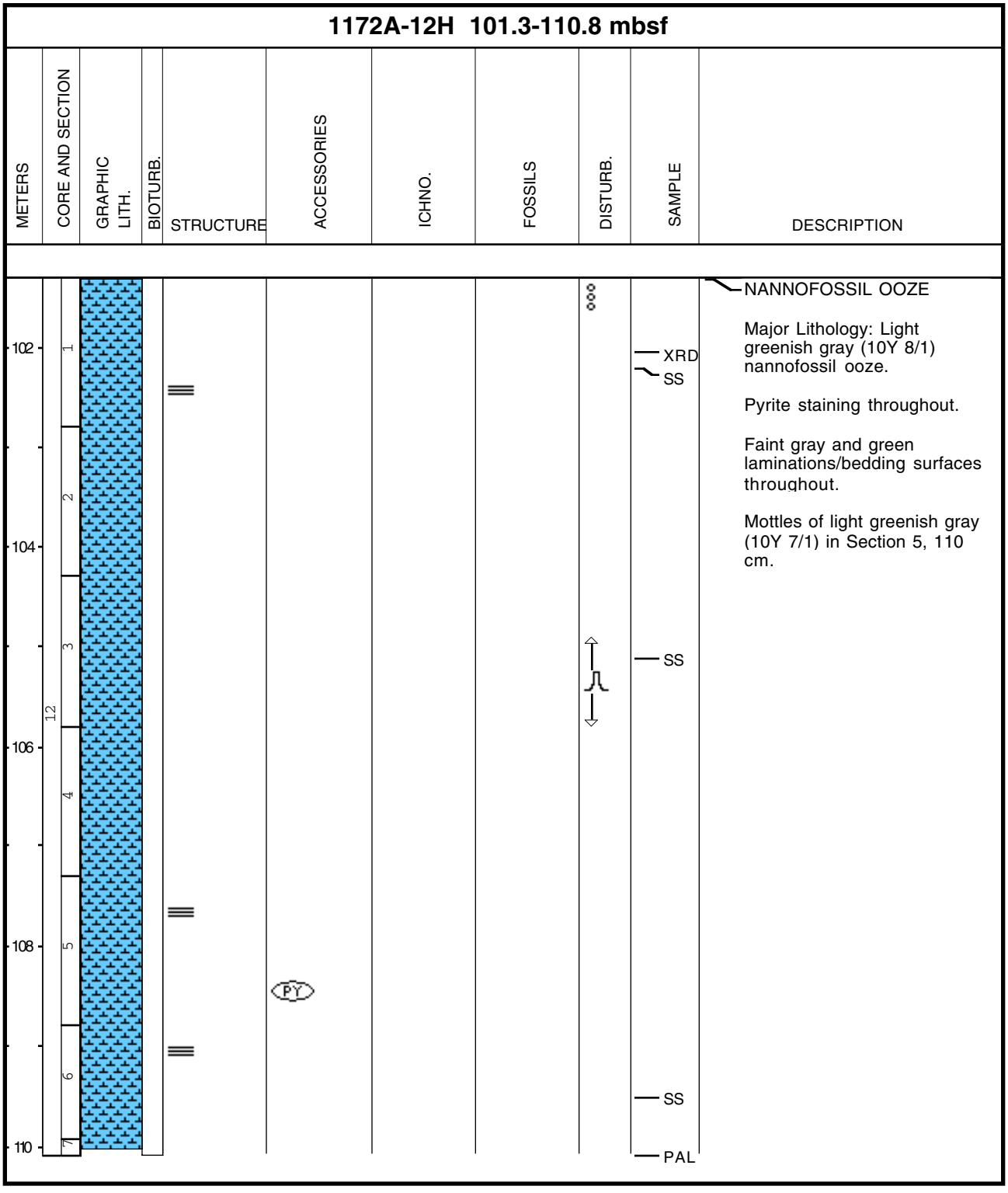
Core Photo


1172A-10H 82.3-91.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
84
86
88
90
92
10
1
2
3
4
5
6
7
8
XRD
SS
IW
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) to light greenish gray (10Y 7/1) nannofossil ooze.
Pyrite staining throughout.
Very faint laminations in Section 3.
Vertebrae in Section 5, 37 cm and 43 cm.

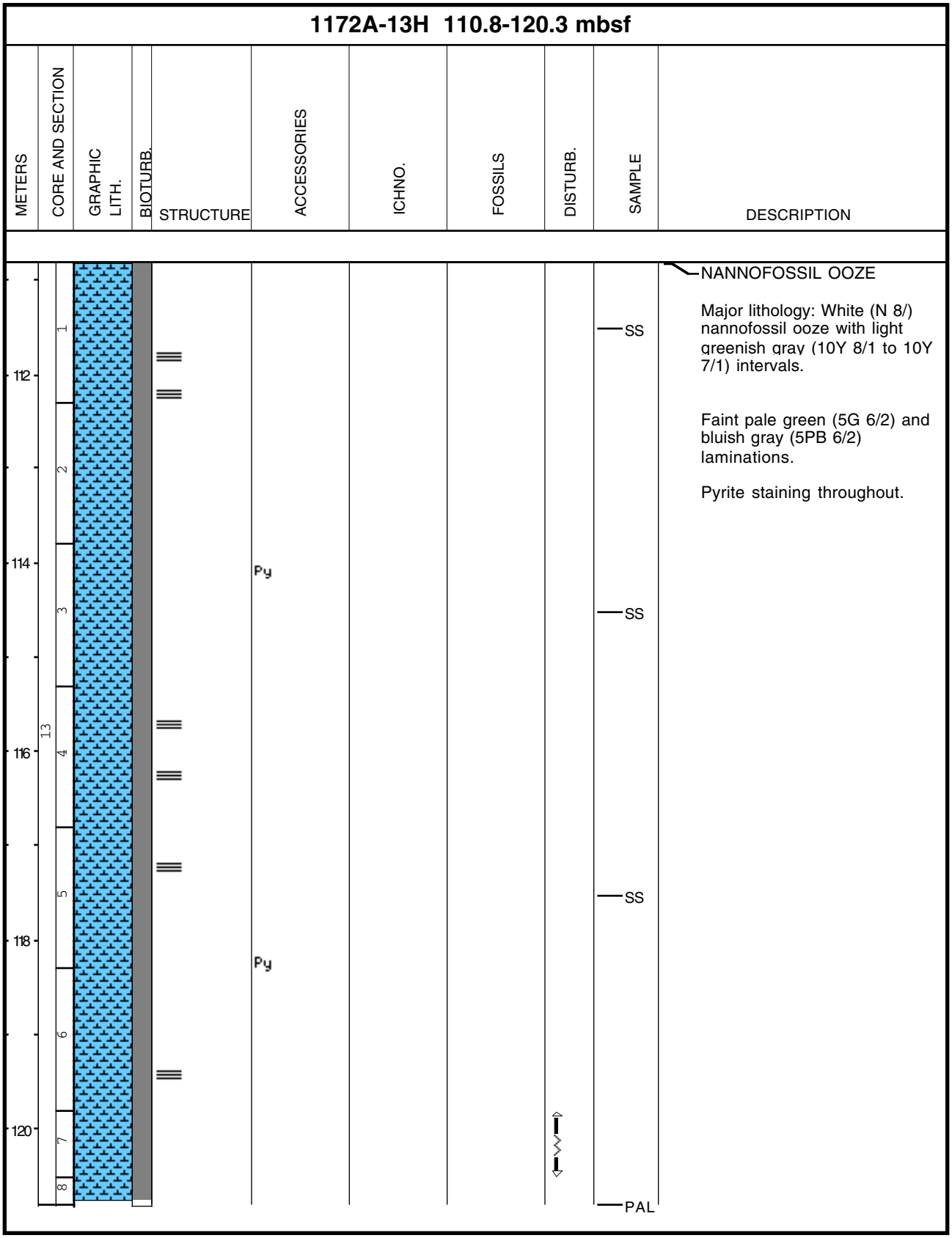
Core Photo


1172A-11H 91.8-101.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
92
94
96
98
100
11
1
2
3
4
5
6
7
SS
IW
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) to light greenish gray (10Y 7/1) nannofossil ooze.
Light greenish gray (10Y 7/1), grayish green (5G 5/2) and light bluish gray (5PB 5/1) laminations common throughout.
Pyrite staining throughout.

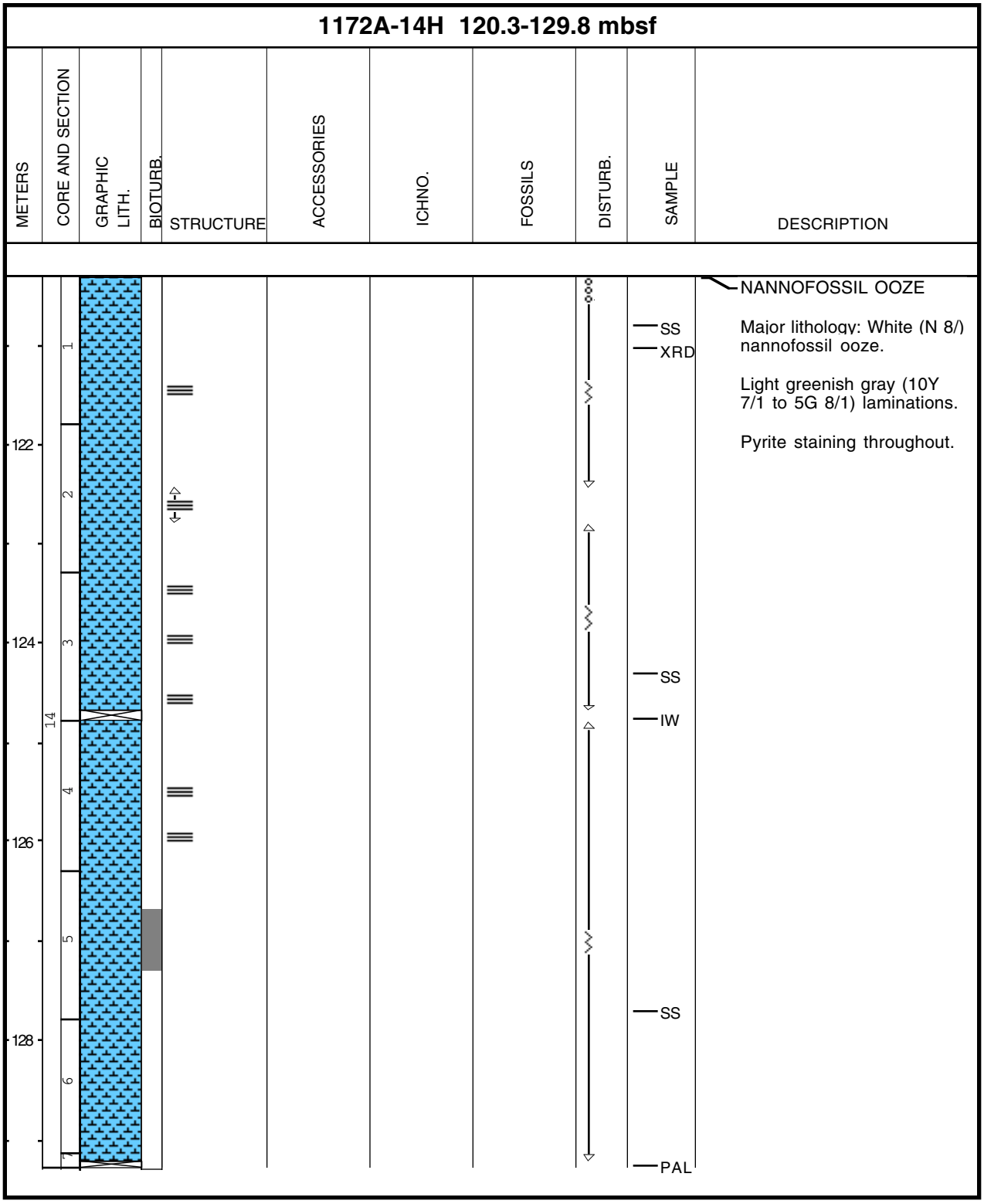
Core Photo


1172A-12H 101.3-110.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
102
104
106
108
110
12
1
2
3
4
5
6
7
PY
XRD
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major Lithology: Light greenish gray (10Y 8/1) nannofossil ooze.
Pyrite staining throughout.
Faint gray and green laminations/bedding surfaces throughout.
Mottles of light greenish gray (10Y 7/1) in Section 5, 110 cm.

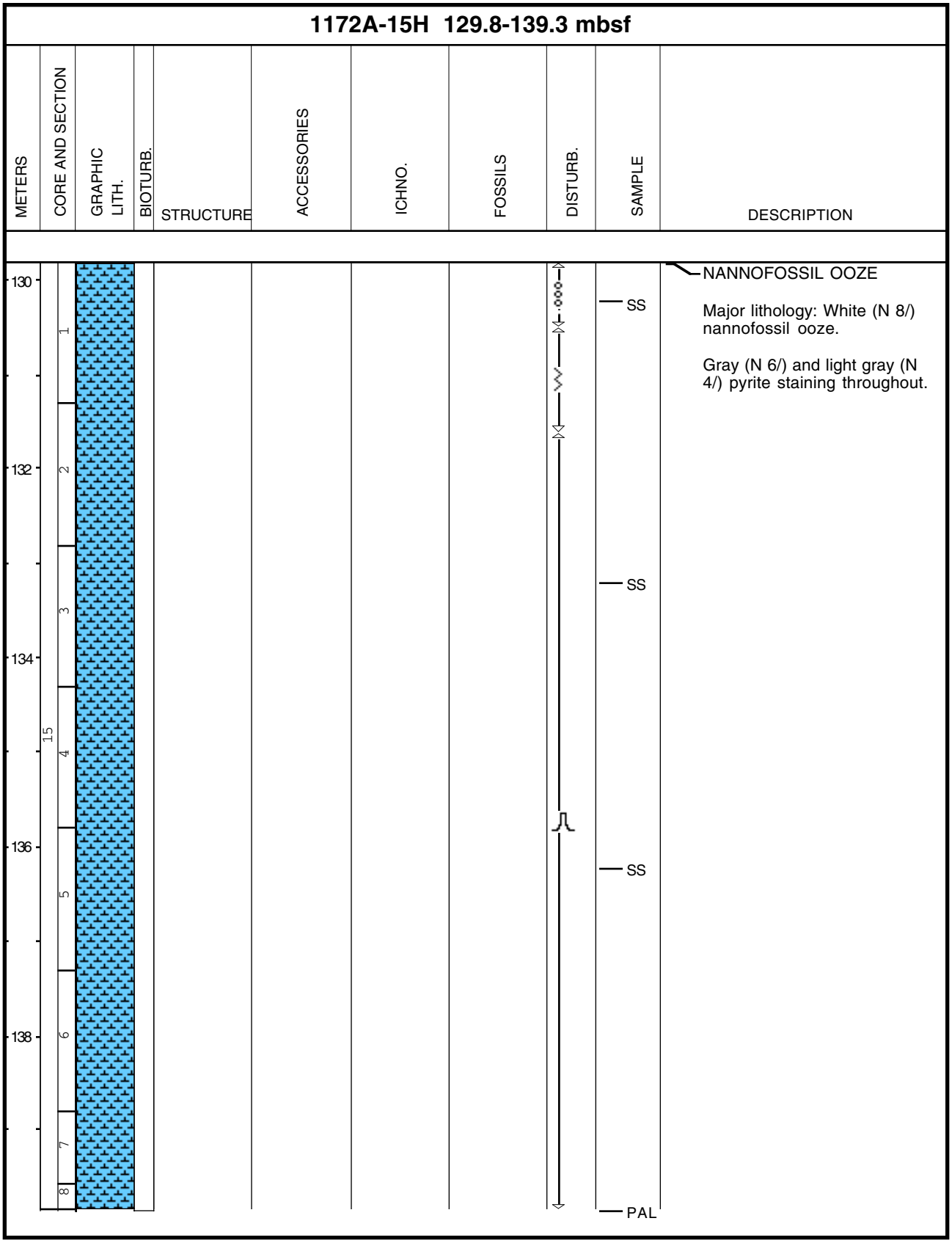
Core Photo


1172A-13H 110.8-120.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
112
114
116
118
120
13
1
2
3
4
5
6
7
8
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze with light greenish gray (10Y 8/1 to 10Y 7/1) intervals.
Faint pale green (5G 6/2) and bluish gray (5PB 6/2) laminations.
Pyrite staining throughout.

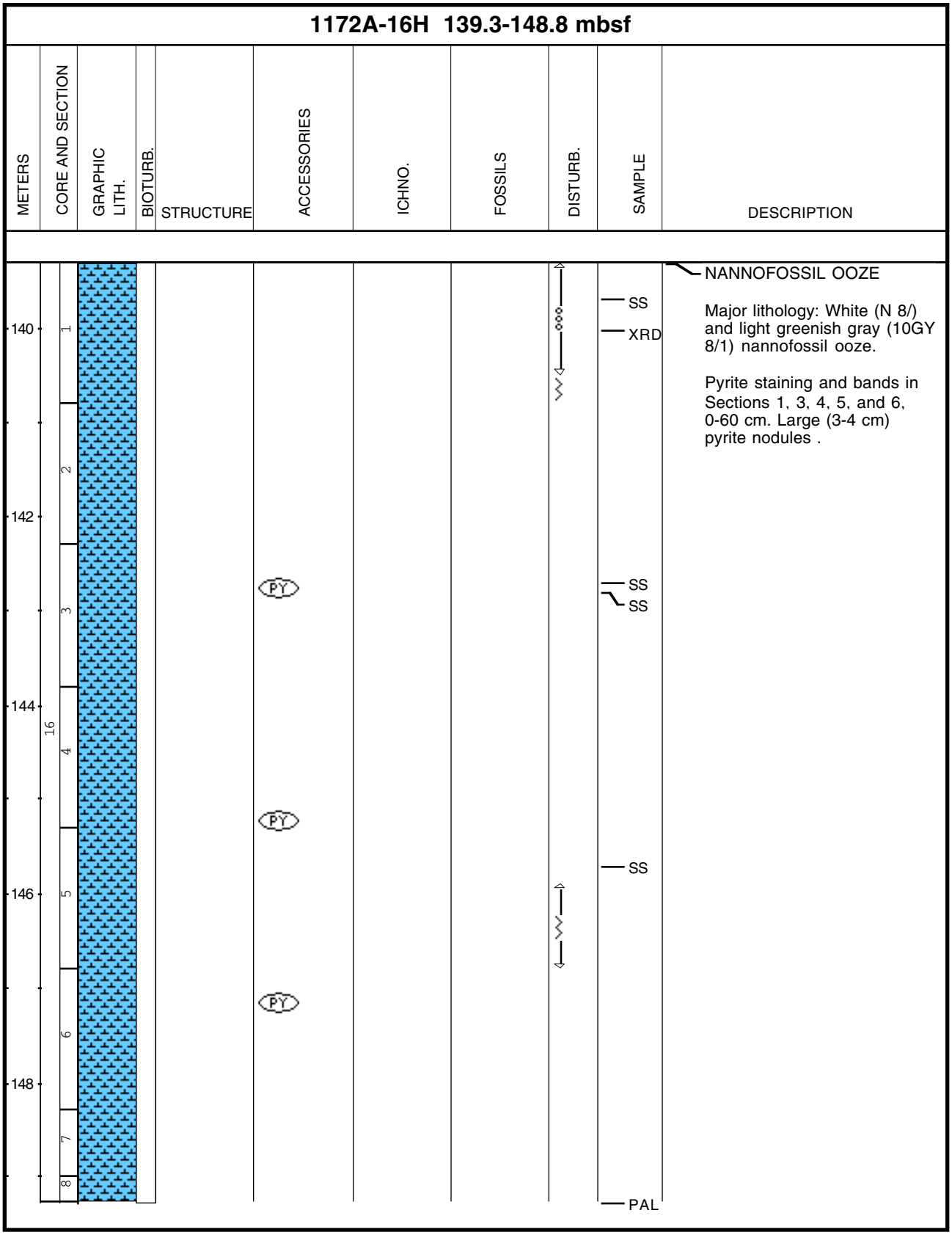
Core Photo


1172A-14H 120.3-129.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
122
124
126
128
1
2
3
4
5
6
7
14
SS
XRD
SS
IW
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Light greenish gray (10Y 7/1 to 5G 8/1) laminations.
Pyrite staining throughout.

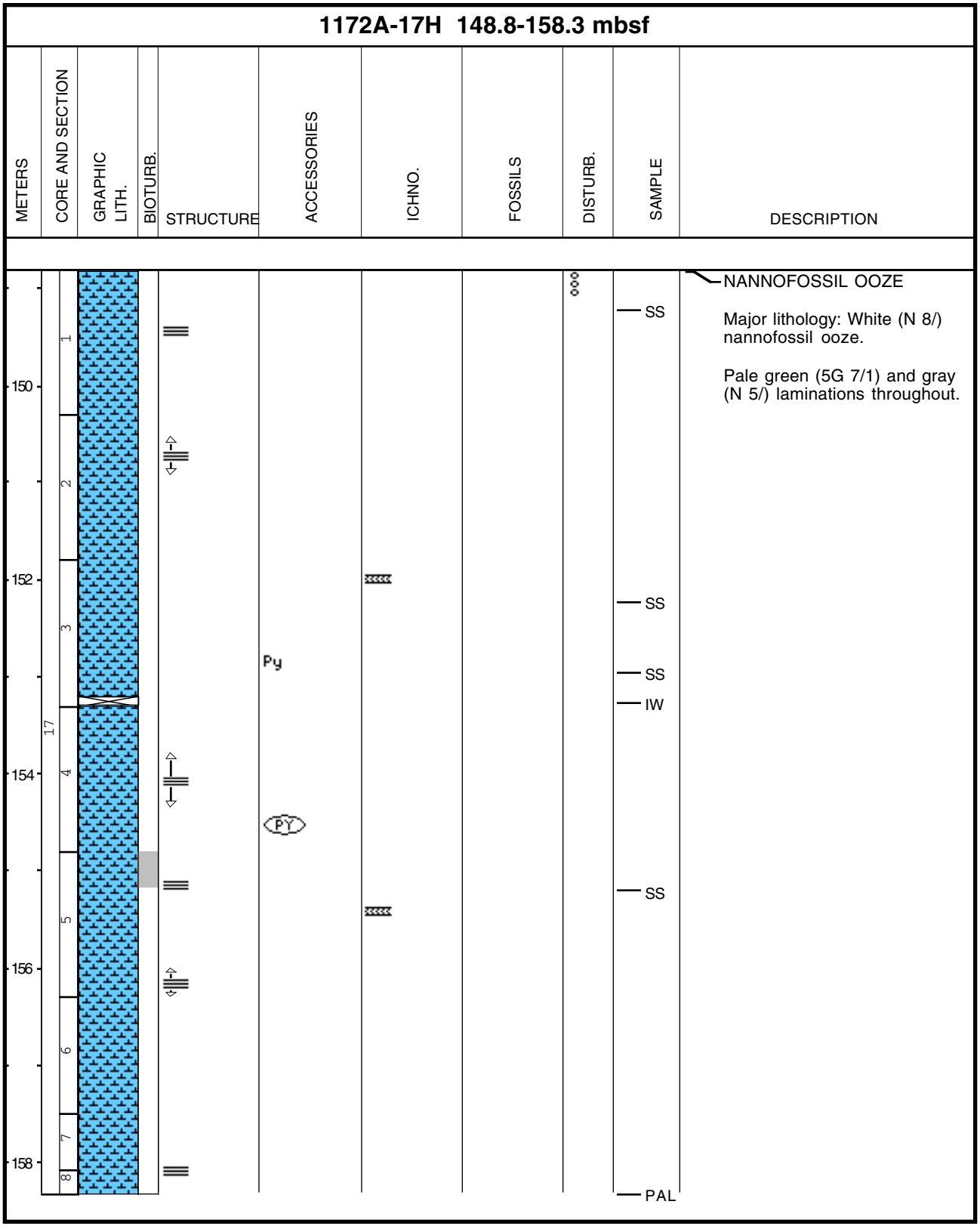
Core Photo


1172A-15H 129.8-139.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
130
132
134
136
138
15
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Gray (N 6/) and light gray (N 4/) pyrite staining throughout.

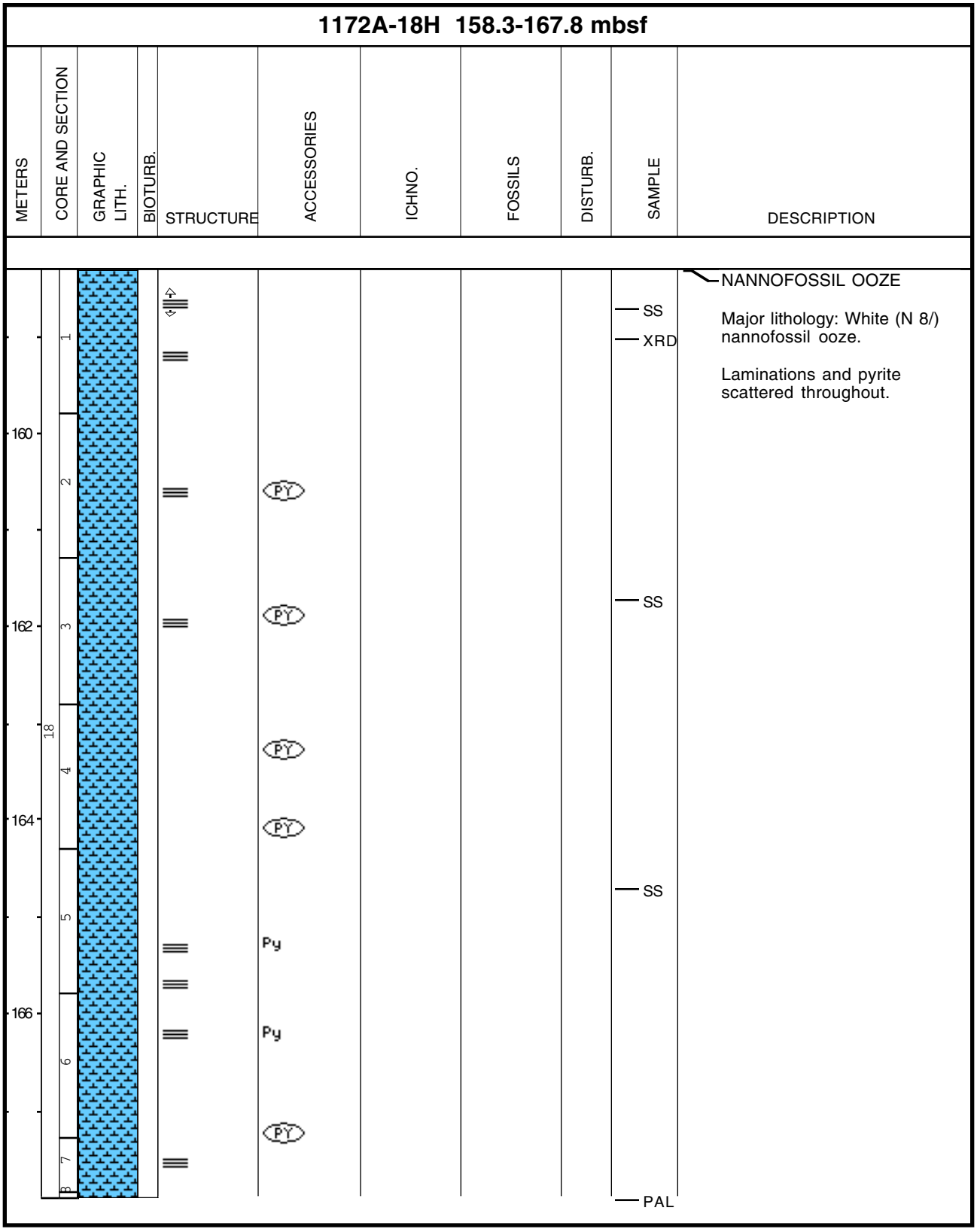
Core Photo


1172A-16H 139.3-148.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
140
142
144
146
148
16
1
2
3
4
5
6
7
8
PY
PY
PY
SS
XRD
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) and light greenish gray (10GY 8/1) nannofossil ooze.
Pyrite staining and bands in Sections 1, 3, 4, 5, and 6, 0-60 cm. Large (3-4 cm) pyrite nodules .

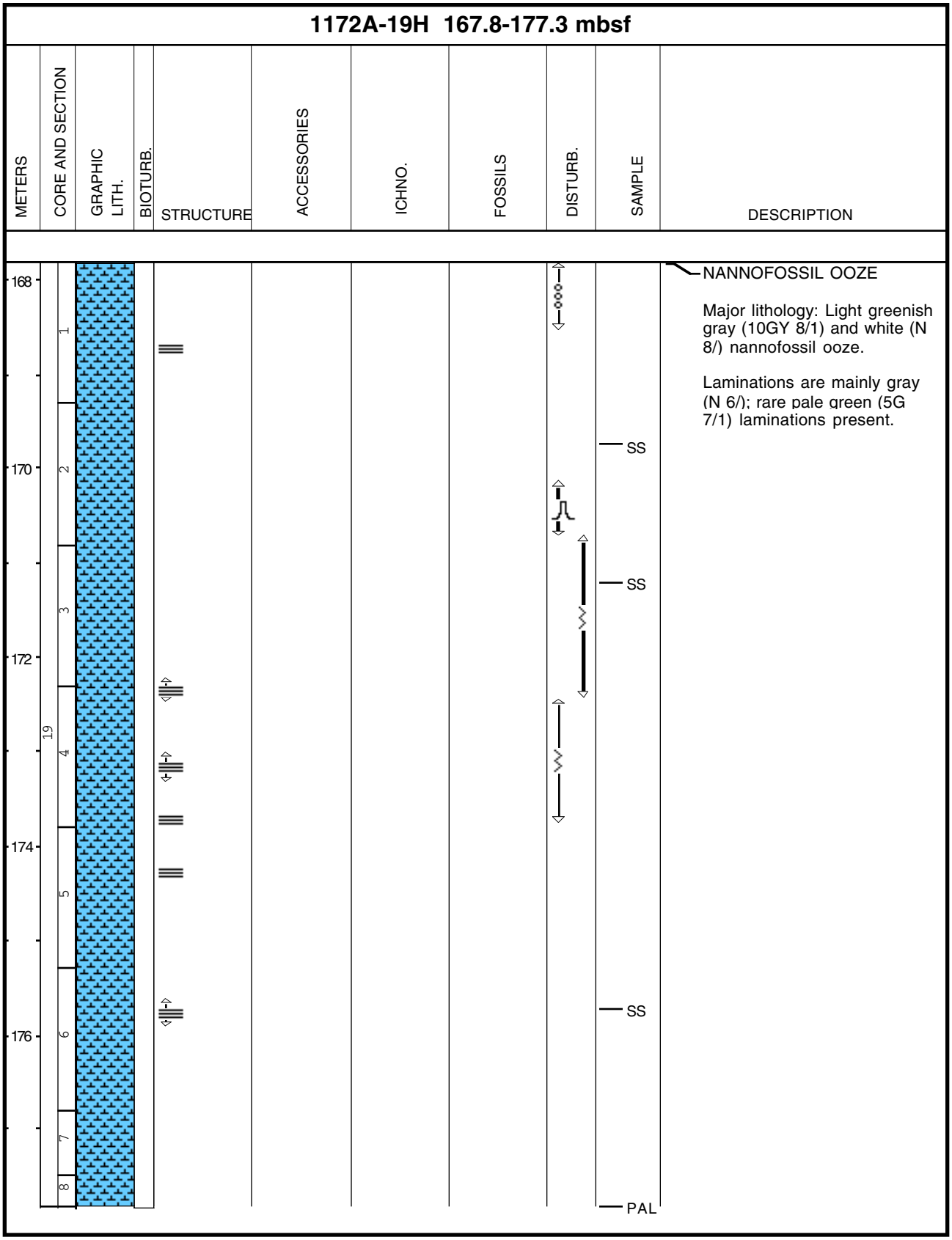
Core Photo


1172A-17H 148.8-158.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
150
152
154
156
158
17
1
2
3
4
5
6
7
8
Py
PY
SS
SS
SS
IW
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Pale green (5G 7/1) and gray (N 5/) laminations throughout.

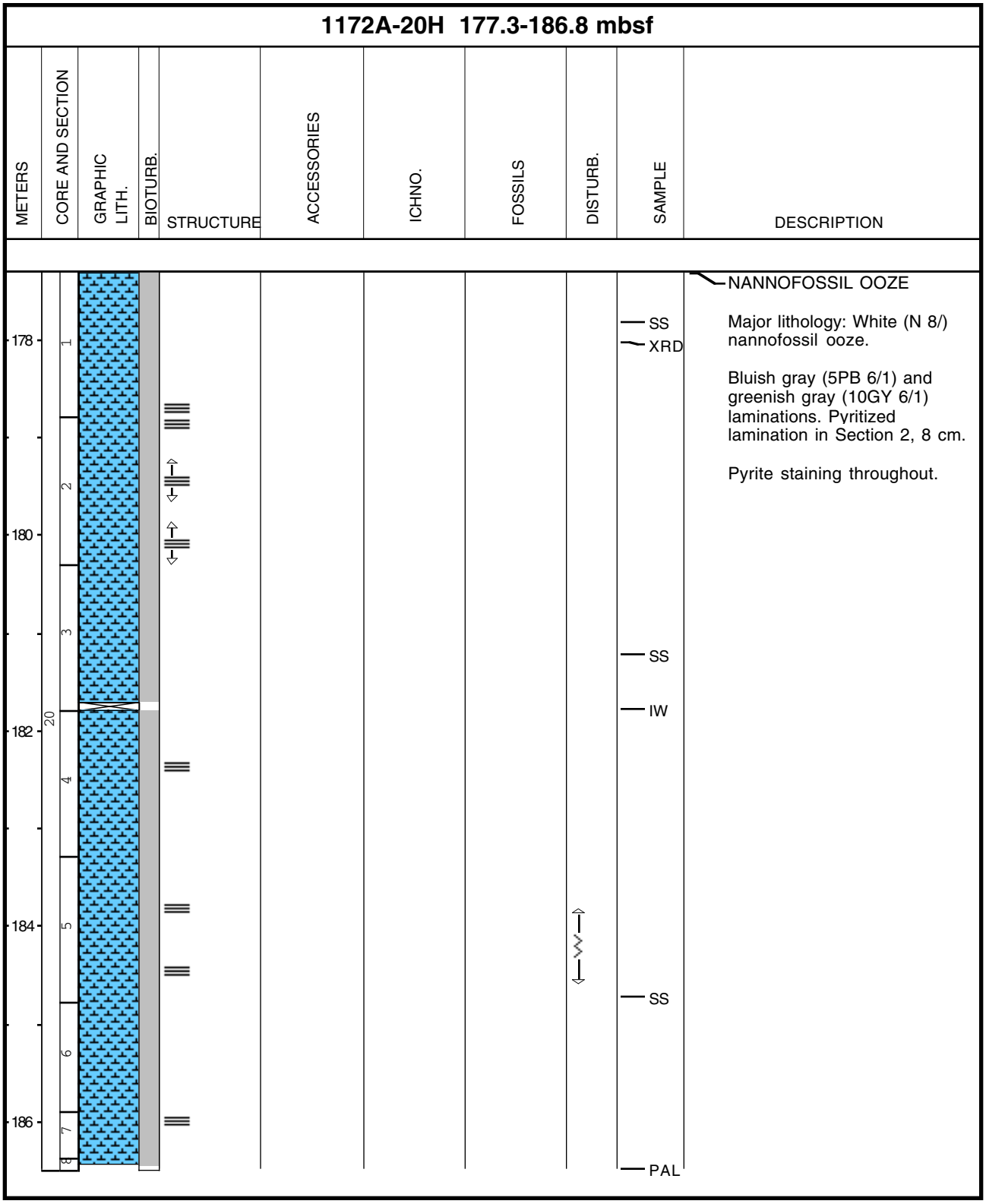
Core Photo


1172A-18H 158.3-167.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
160
162
164
166
18
1
2
3
4
5
6
7
CC
PY
Py
SS
XRD
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Laminations and pyrite scattered throughout.

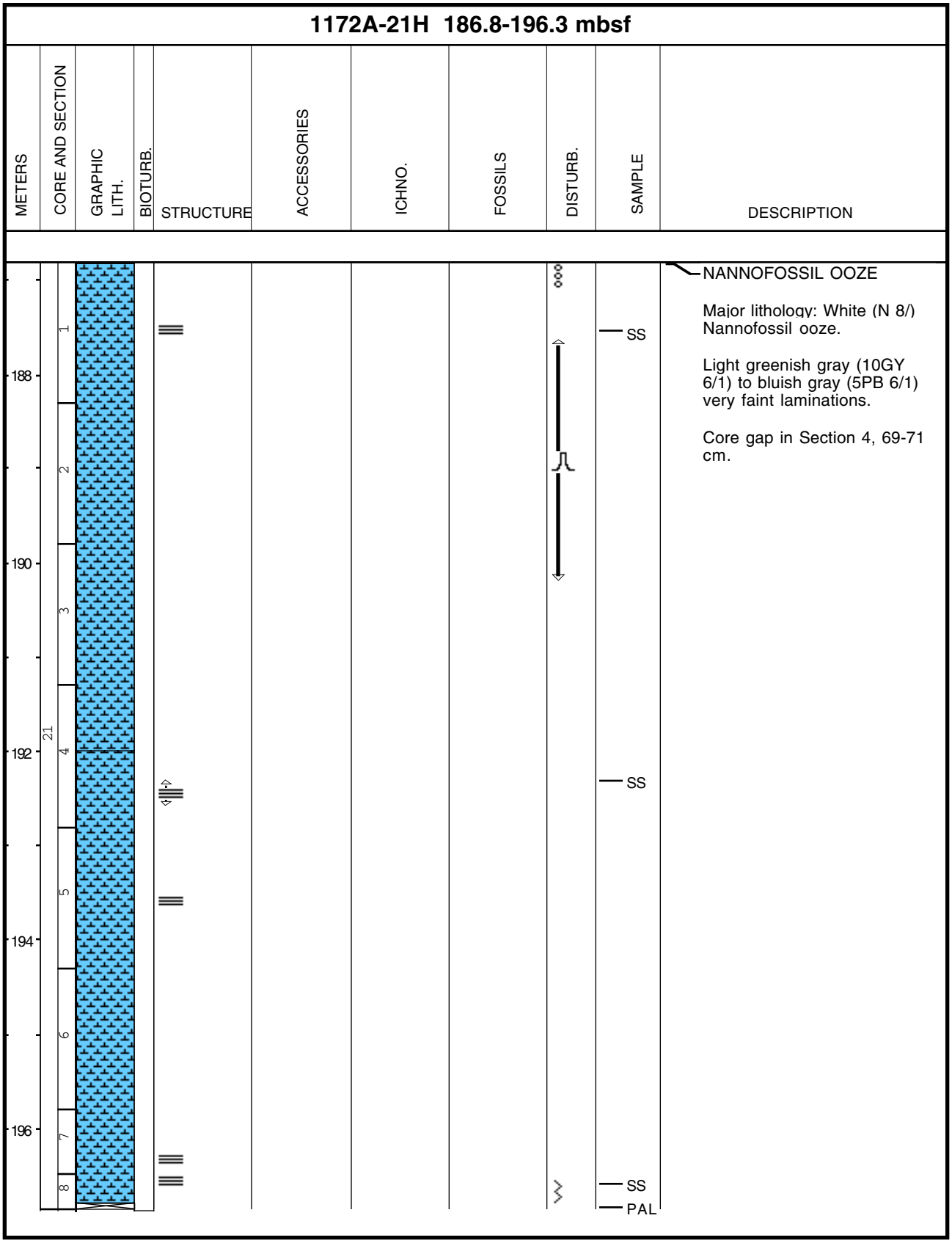
Core Photo


1172A-19H 167.8-177.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
168
170
172
174
176
19
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10GY 8/1) and white (N 8/) nannofossil ooze.
Laminations are mainly gray (N 6/); rare pale green (5G 7/1) laminations present.

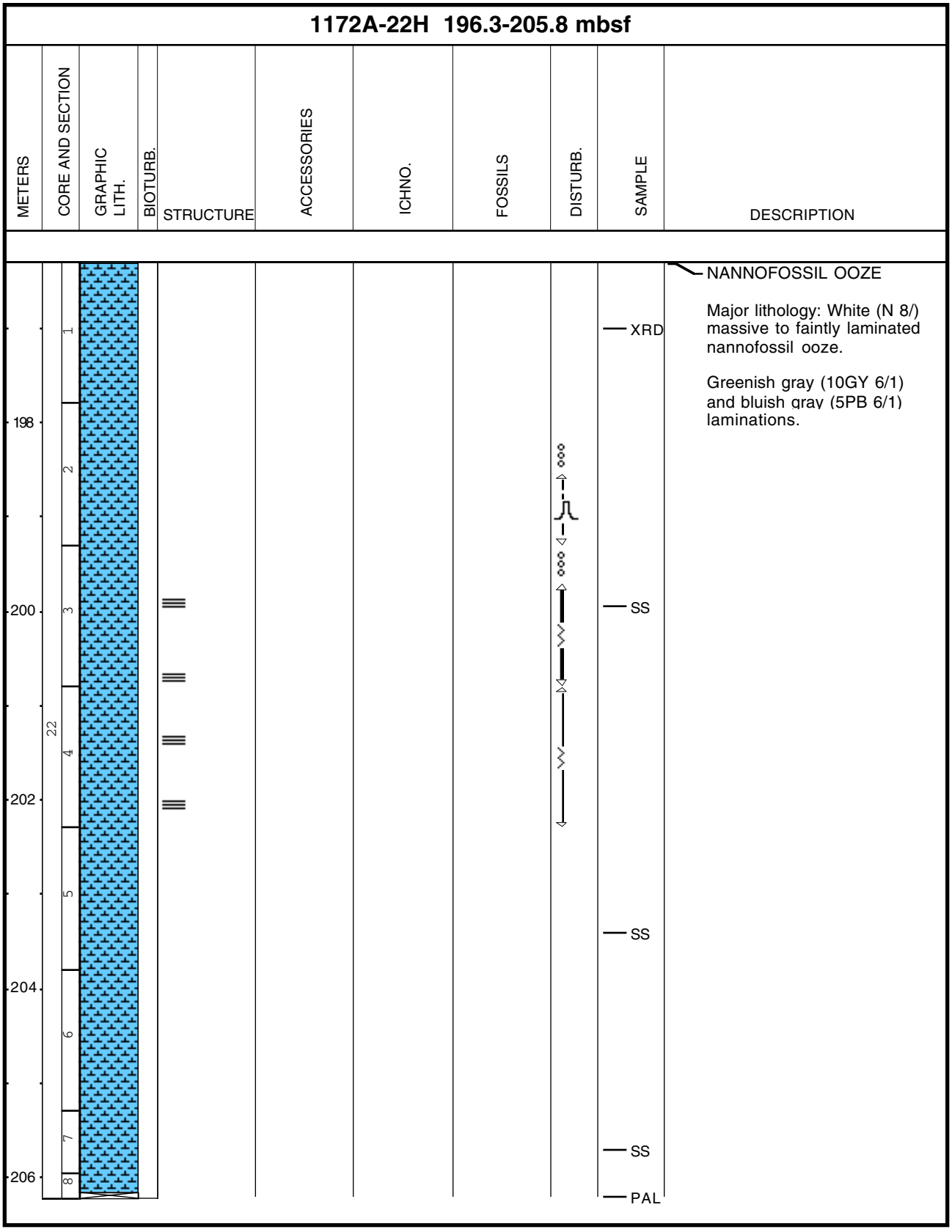
Core Photo


1172A-20H 177.3-186.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
178
180
182
184
186
20
1
2
3
4
5
6
7
CC
SS
XRD
SS
IW
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Bluish gray (5PB 6/1) and greenish gray (10GY 6/1) laminations. Pyritized lamination in Section 2, 8 cm.
Pyrite staining throughout.

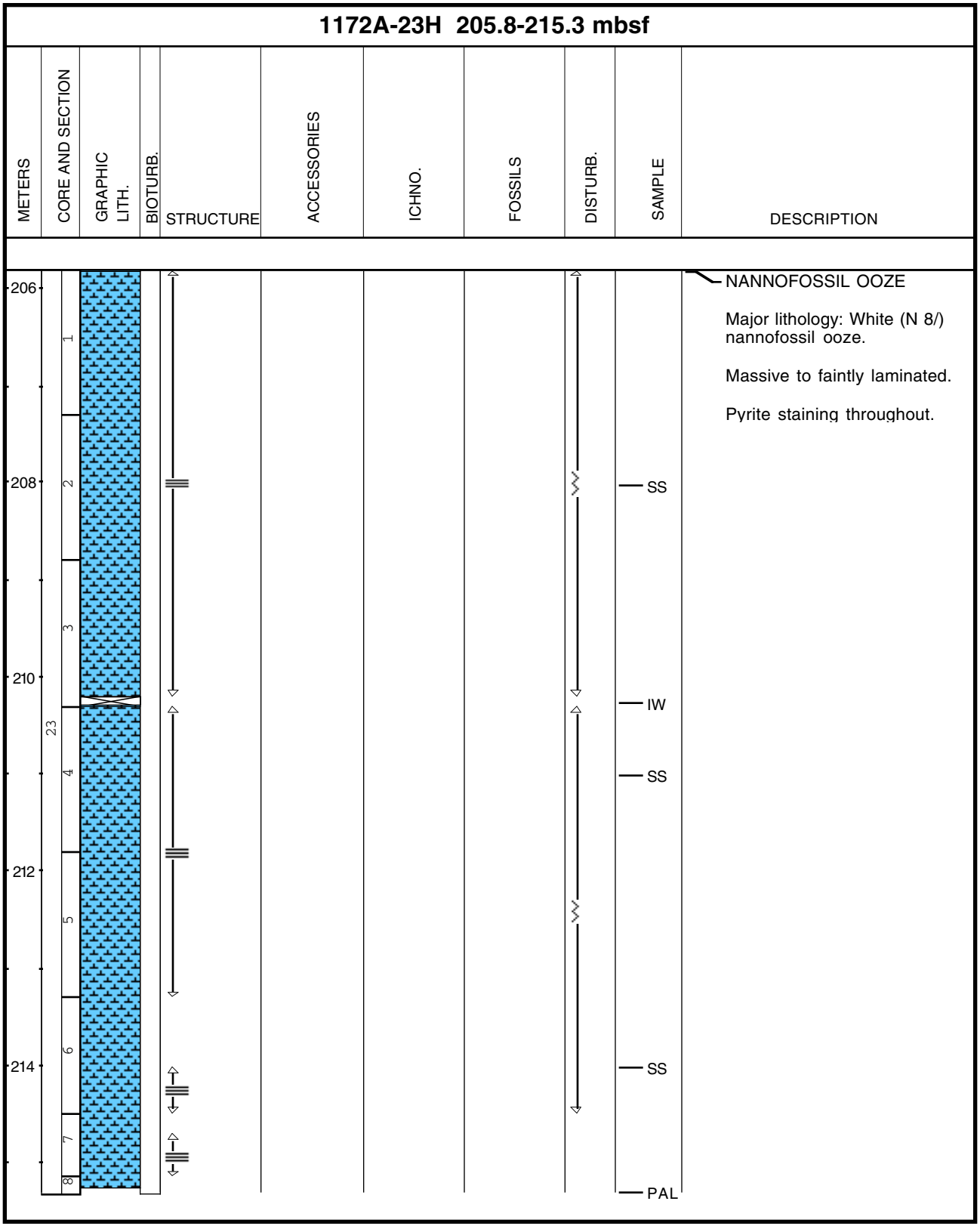
Core Photo


1172A-21H 186.8-196.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
188
190
192
194
196
21
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) Nannofossil ooze.
Light greenish gray (10GY 6/1) to bluish gray (5PB 6/1) very faint laminations.
Core gap in Section 4, 69-71 cm.

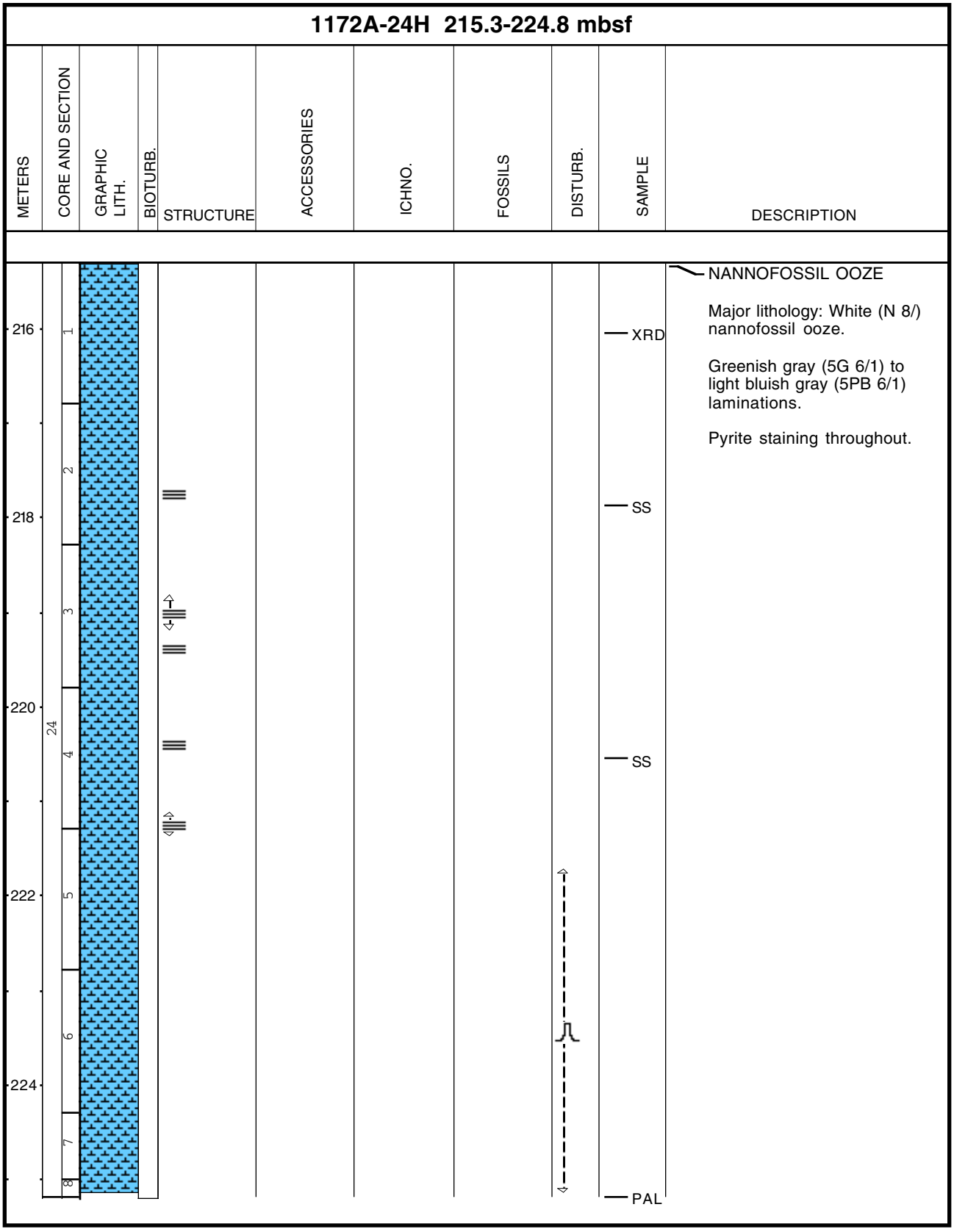
Core Photo


1172A-22H 196.3-205.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
198
200
202
204
206
22
1
2
3
4
5
6
7
8
XRD
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) massive to faintly laminated nannofossil ooze.
Greenish gray (10GY 6/1) and bluish gray (5PB 6/1) laminations.

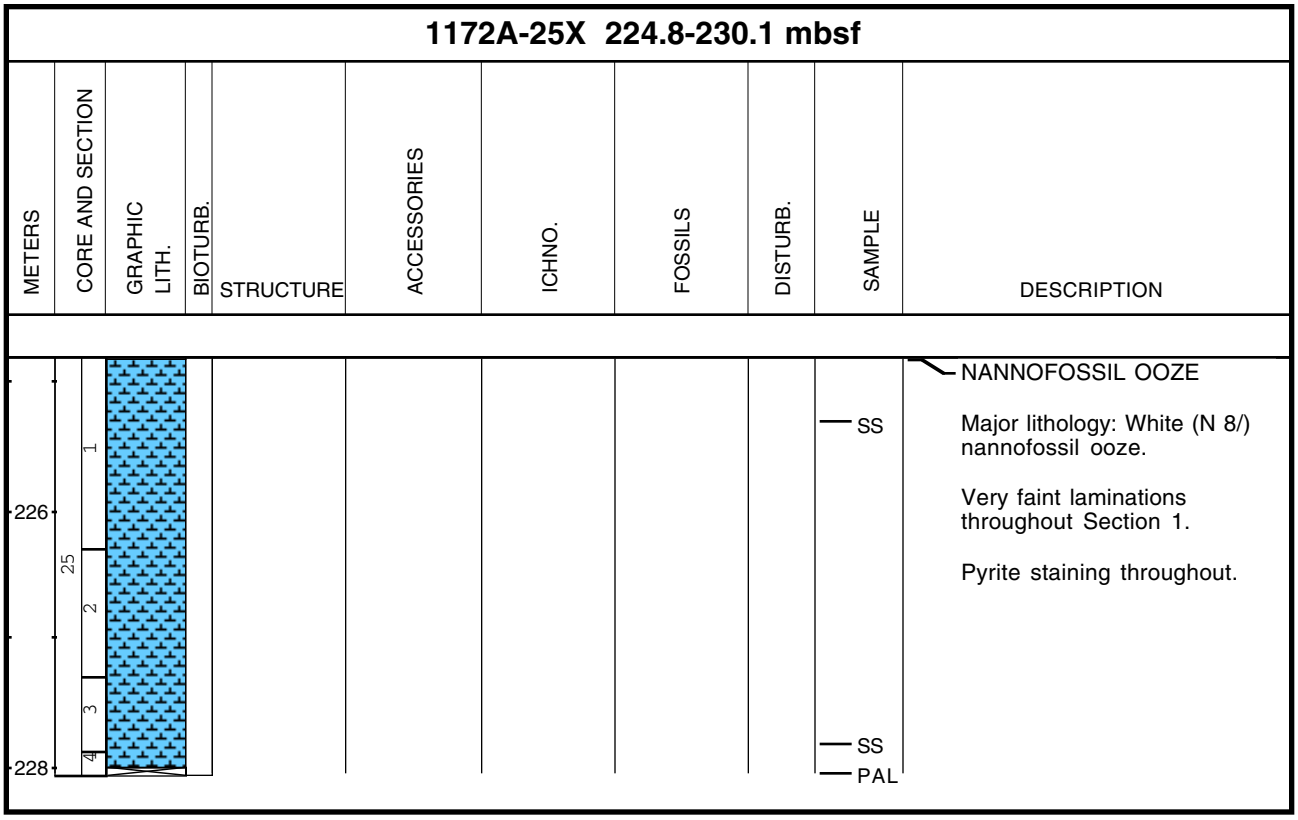
Core Photo


1172A-23H 205.8-215.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
206
208
210
212
214
23
1
2
3
4
5
6
7
8
SS
IW
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Massive to faintly laminated.
Pyrite staining throughout.

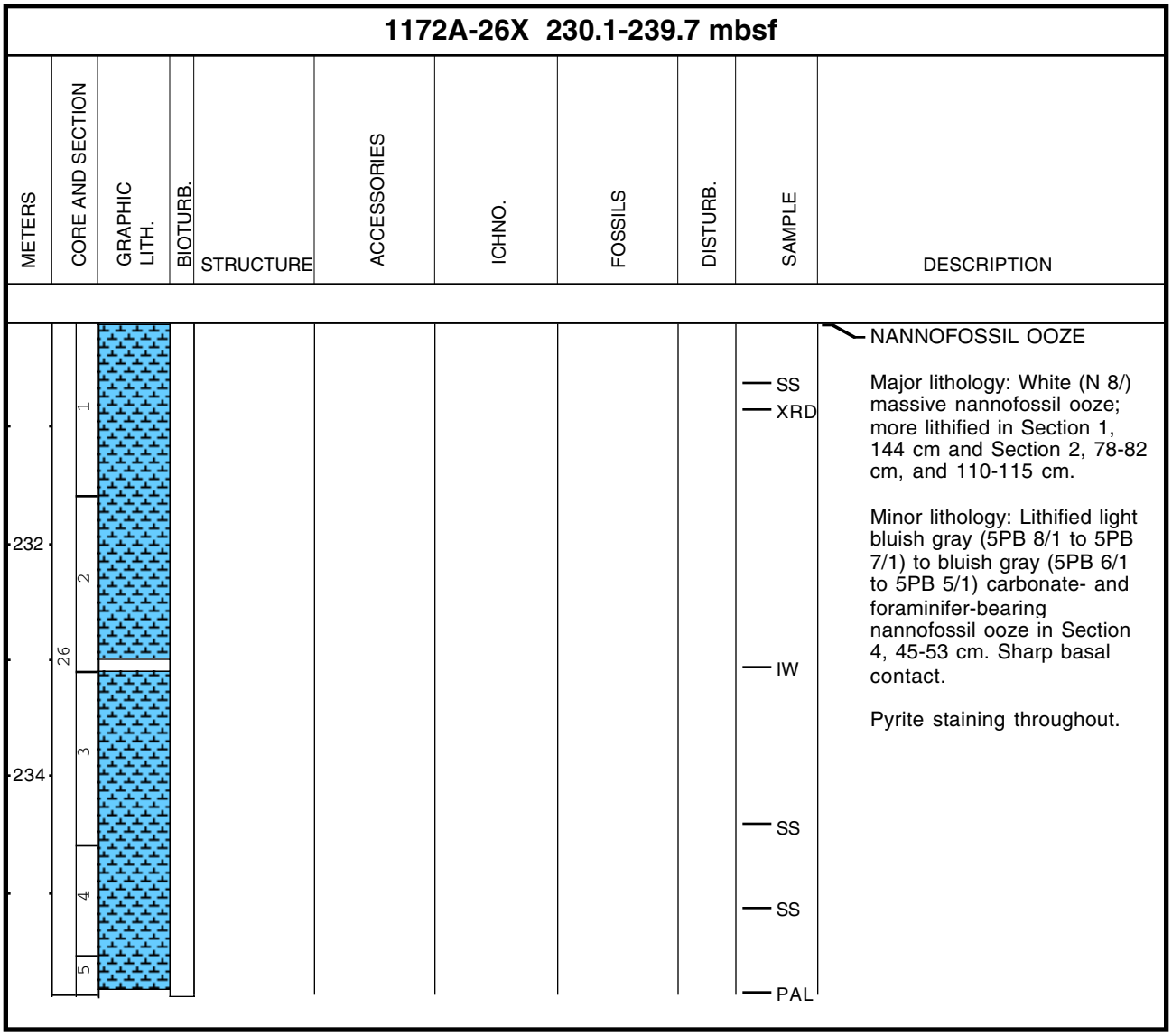
Core Photo


1172A-24H 215.3-224.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
216
218
220
222
224
24
1
2
3
4
5
6
7
8
XRD
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Greenish gray (5G 6/1) to light bluish gray (5PB 6/1) laminations.
Pyrite staining throughout.

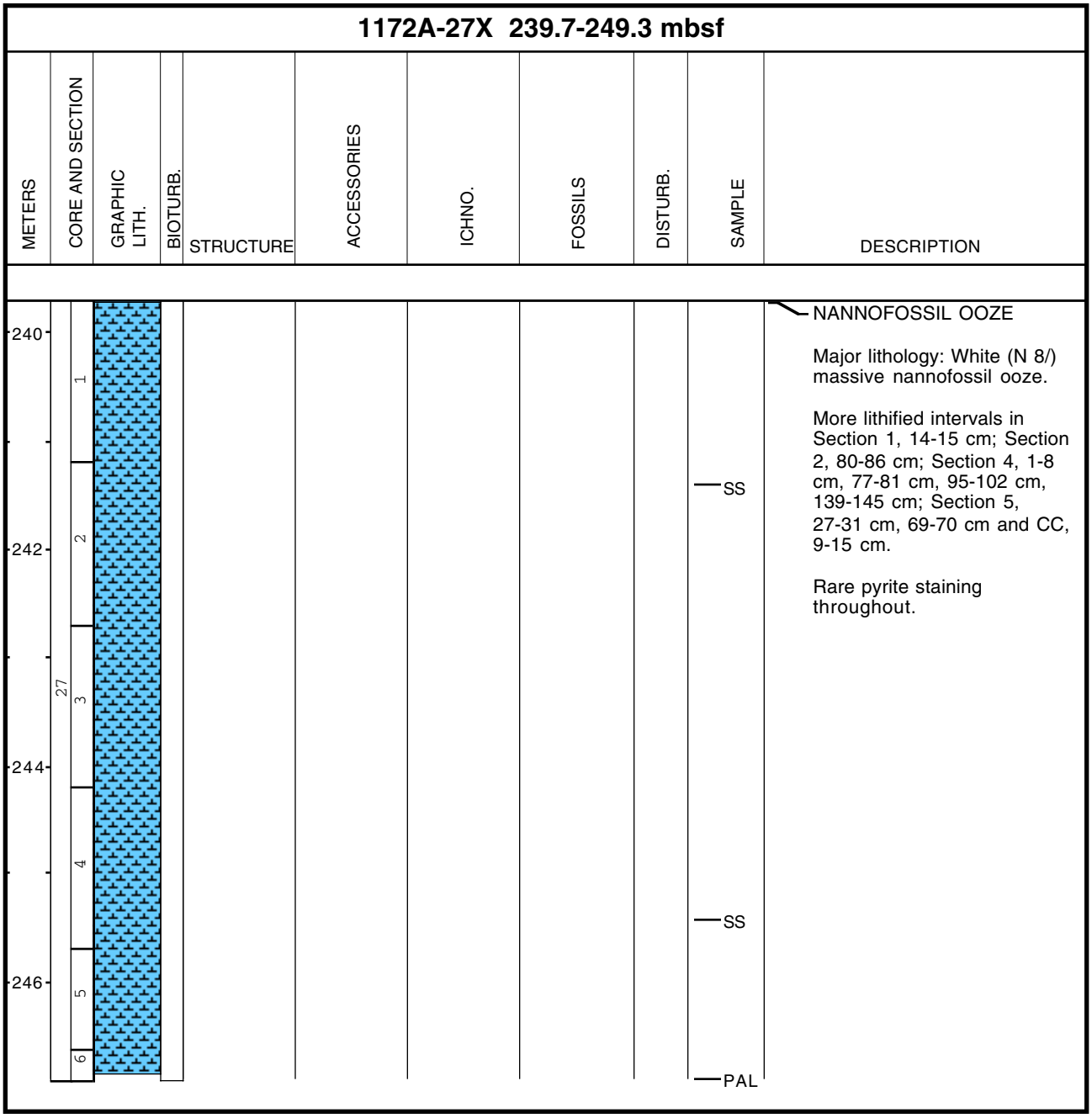
Core Photo


1172A-25X 224.8-230.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
226
228
25
1
2
3
4
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Very faint laminations throughout Section 1.
Pyrite staining throughout.

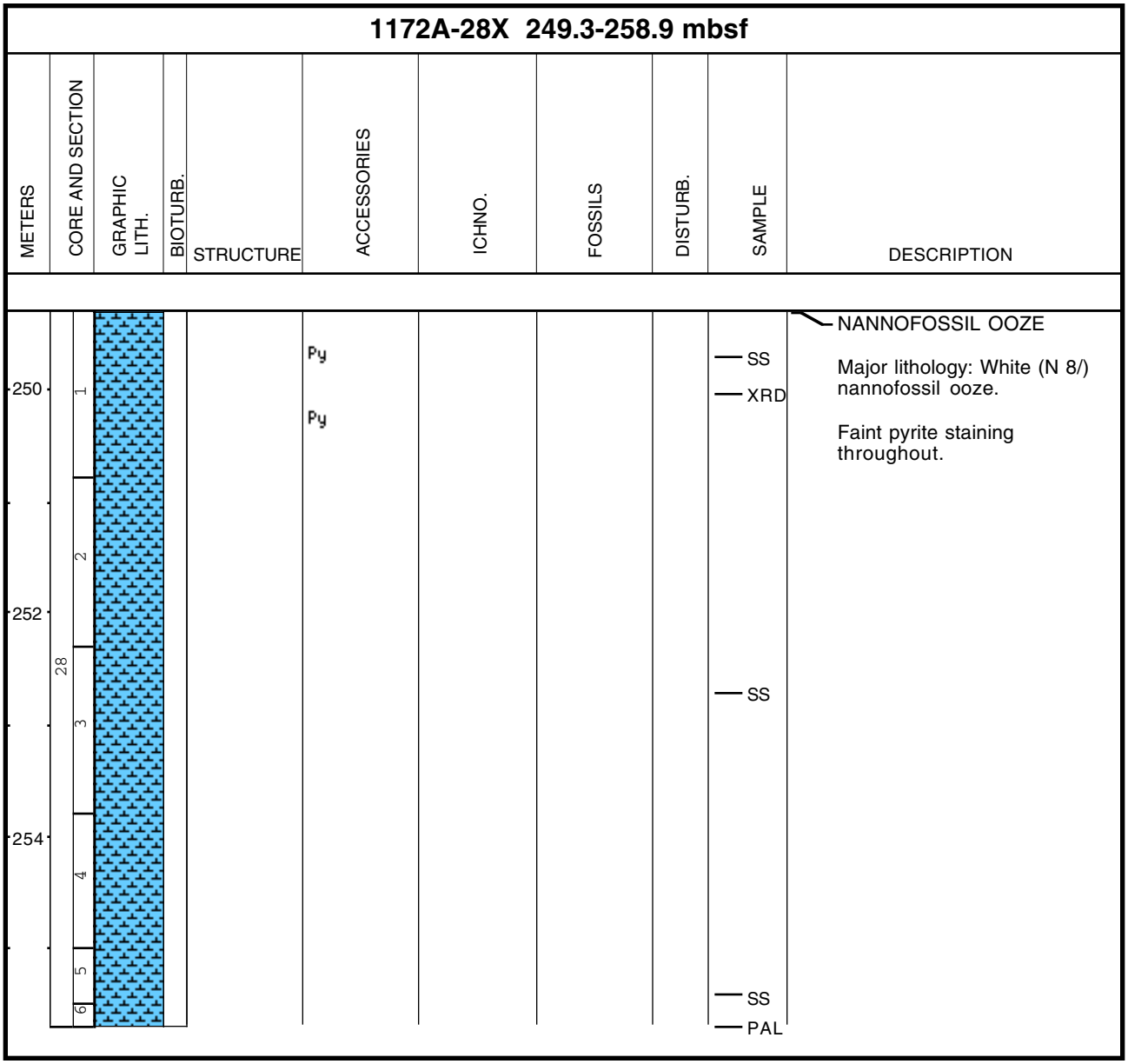
Core Photo


1172A-26X 230.1-239.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
232
234
26
1
2
3
4
5
SS
XRD
IW
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) massive nannofossil ooze; more lithified in Section 1, 144 cm and Section 2, 78-82 cm, and 110-115 cm.
Minor lithology: Lithified light bluish gray (5PB 8/1 to 5PB 7/1) to bluish gray (5PB 6/1 to 5PB 5/1) carbonate- and foraminifer-bearing nannofossil ooze in Section 4, 45-53 cm. Sharp basal contact.
Pyrite staining throughout.

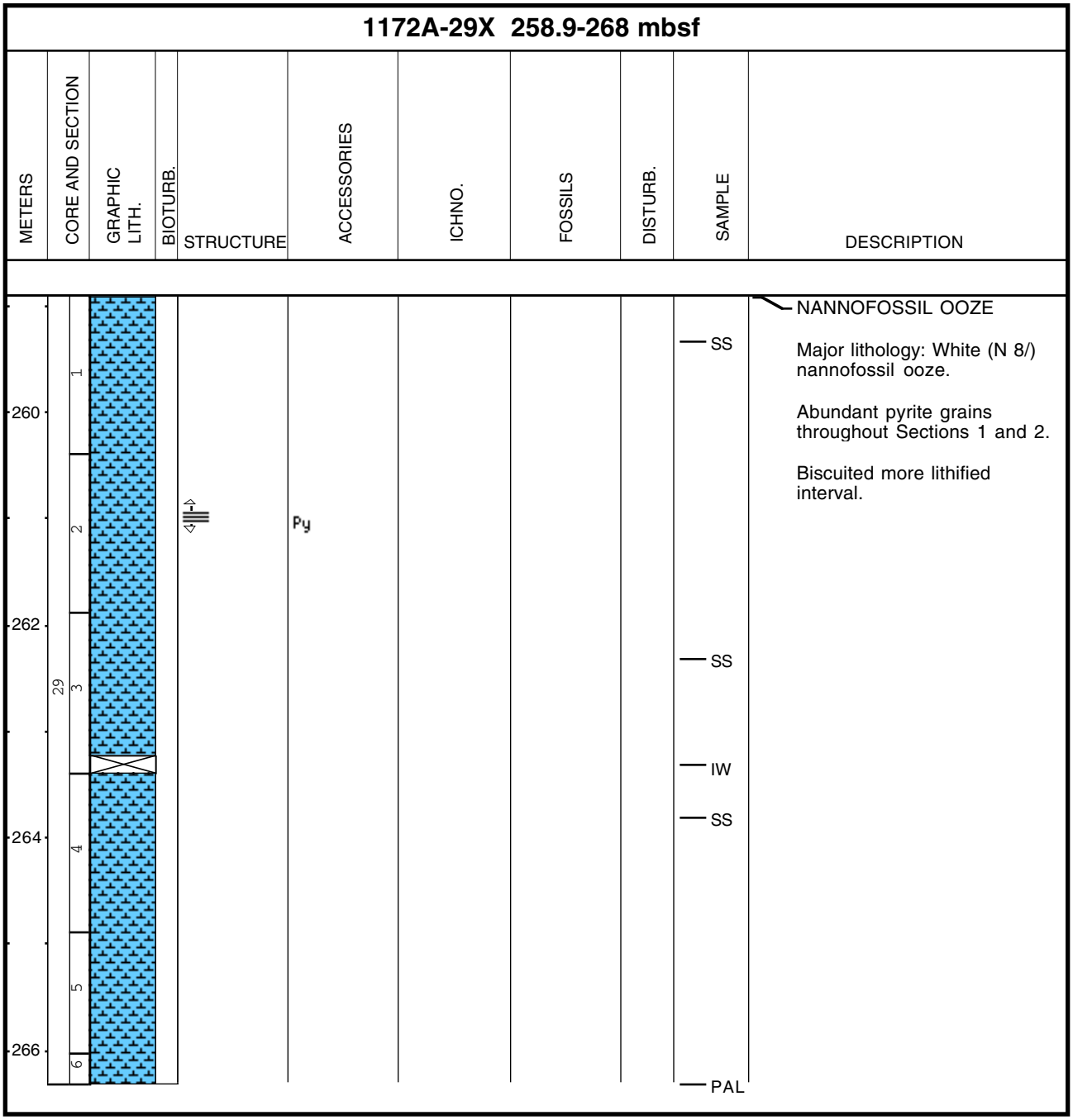
Core Photo


1172A-27X 239.7-249.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
240
242
244
246
27
1
2
3
4
5
6
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) massive nannofossil ooze.
More lithified intervals in Section 1, 14-15 cm; Section 2, 80-86 cm; Section 4, 1-8 cm, 77-81 cm, 95-102 cm, 139-145 cm; Section 5, 27-31 cm, 69-70 cm and CC, 9-15 cm.
Rare pyrite staining throughout.

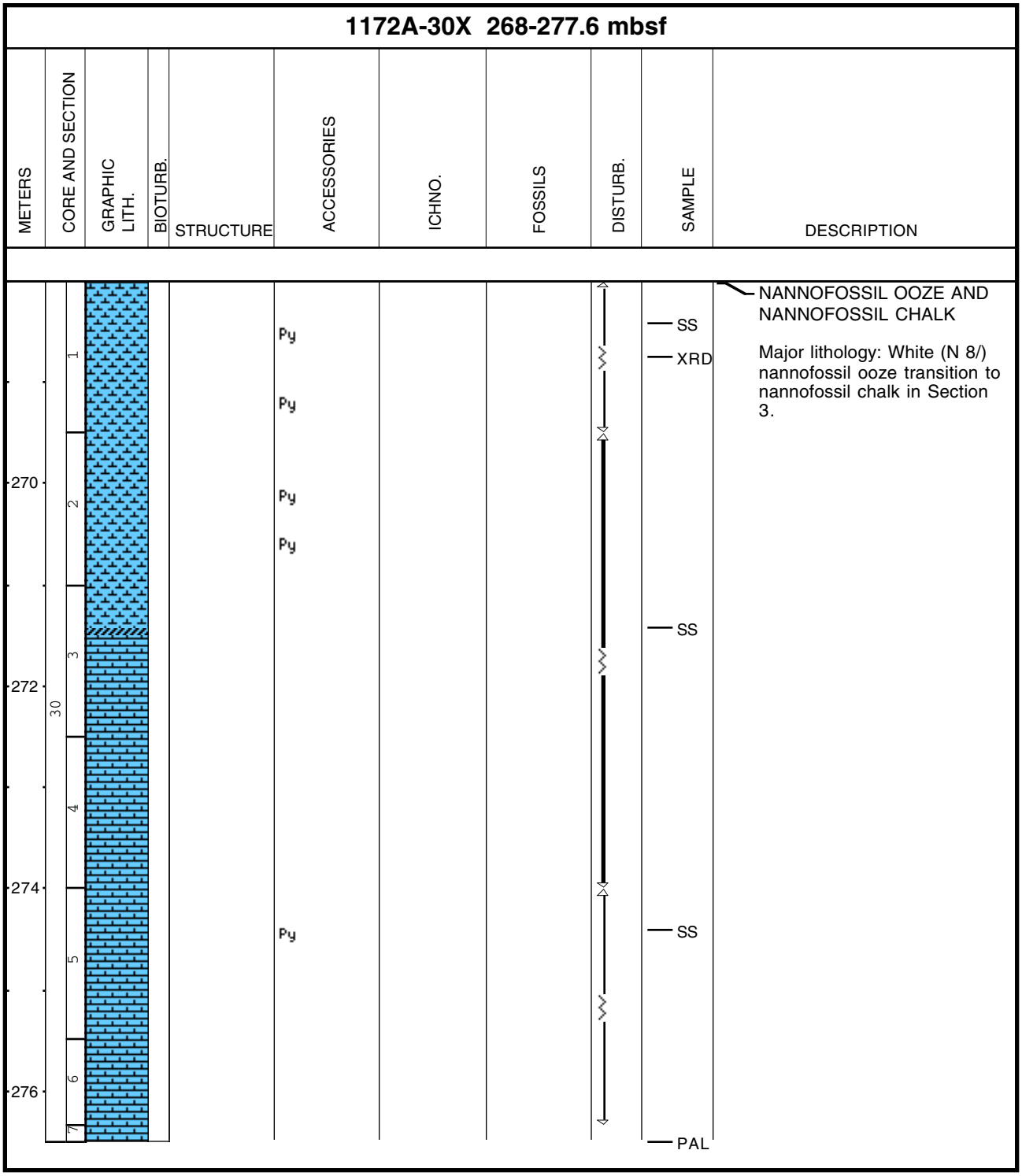
Core Photo


1172A-28X 249.3-258.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
250
252
254
28
1
2
3
4
5
6
Py
Py
SS
XRD
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Faint pyrite staining throughout.

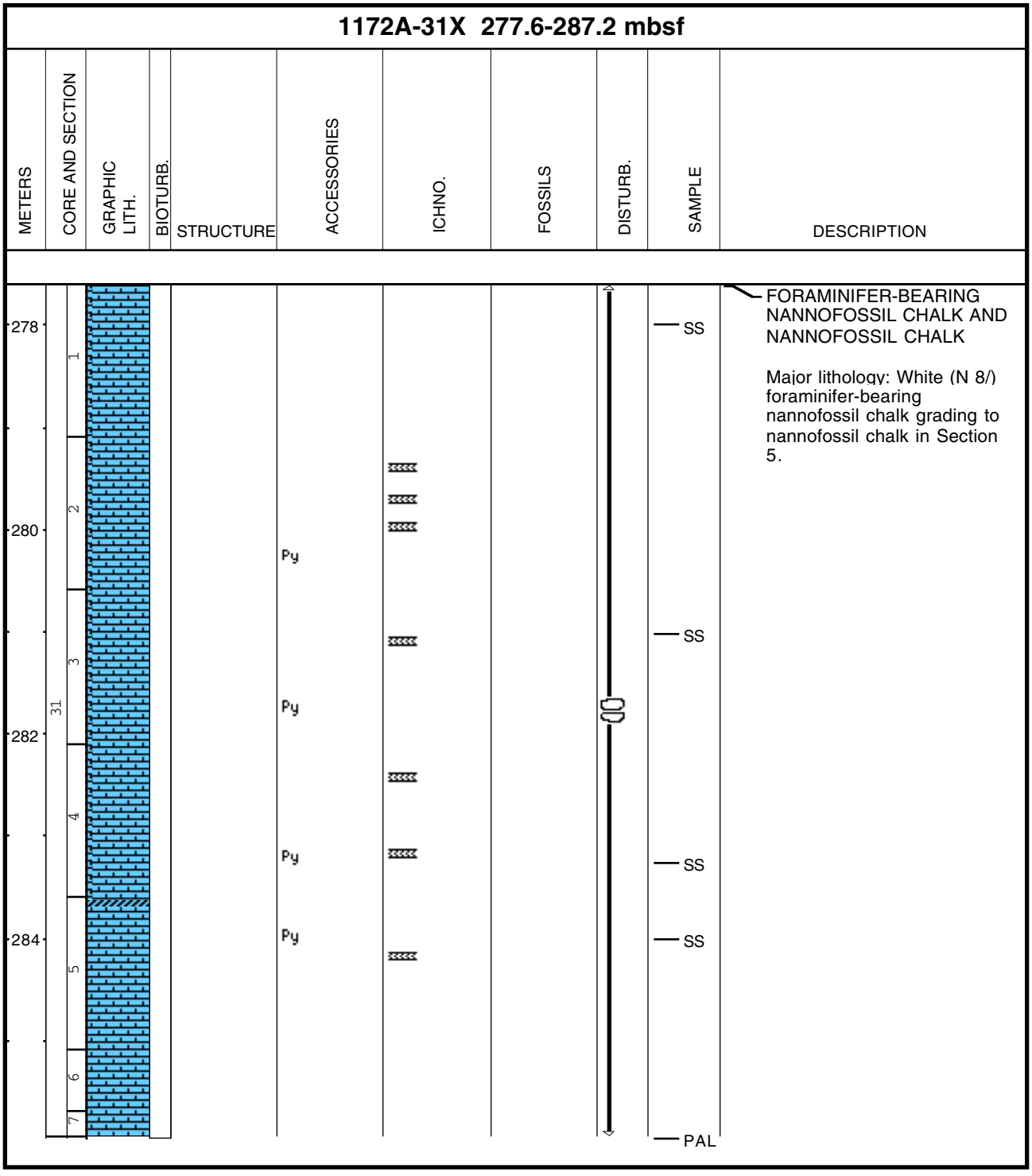
Core Photo


1172A-29X 258.9-268 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
260
262
264
266
29
1
2
3
4
5
6
Py
SS
SS
IW
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Abundant pyrite grains throughout Sections 1 and 2.
Biscuited more lithified interval.

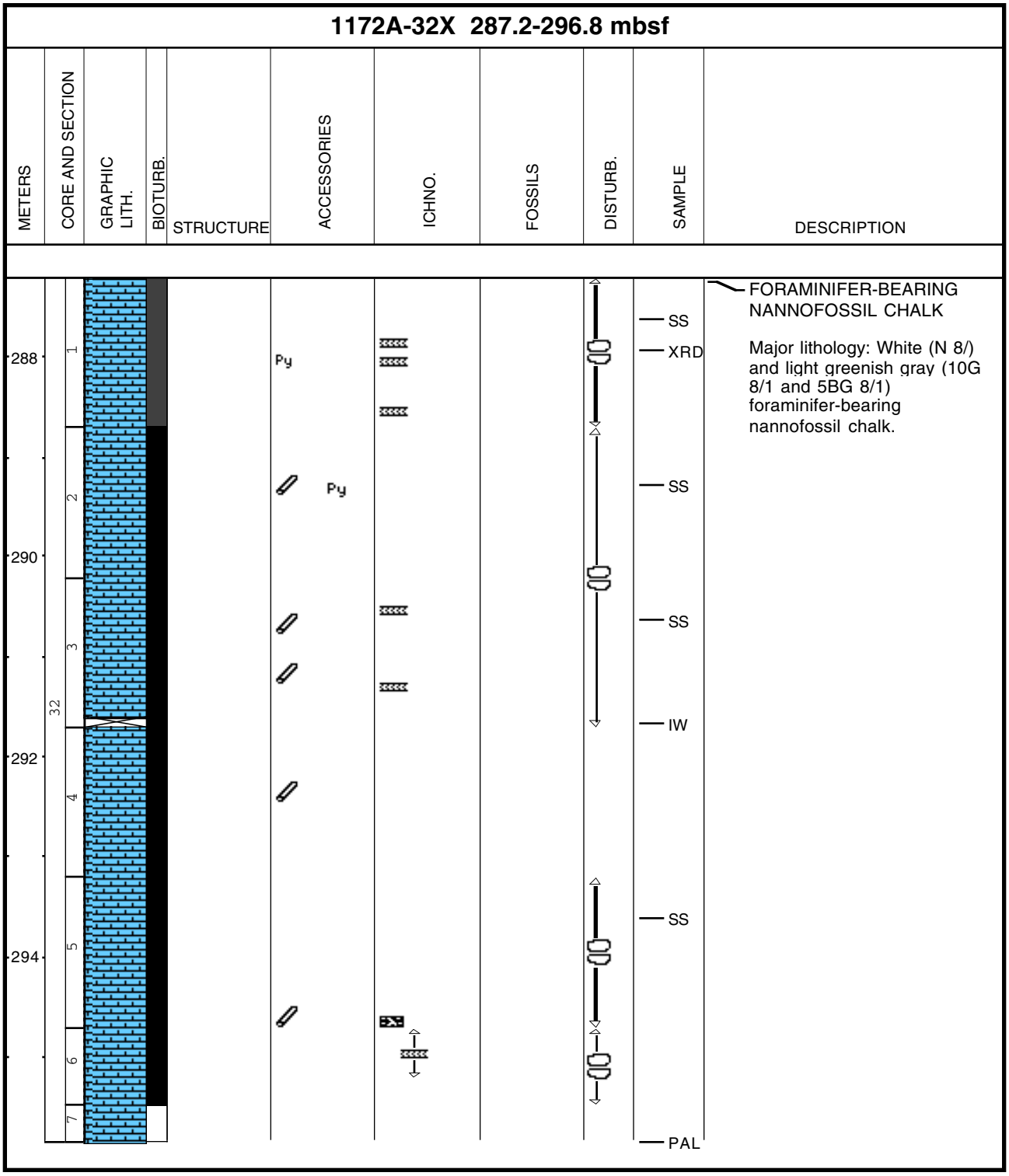
Core Photo


1172A-30X 268-277.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
270
272
274
276
30
1
2
3
4
5
6
7
Py
Py
Py
Py
Py
SS
XRD
SS
SS
PAL
NANNOFOSSIL OOZE AND NANNOFOSSIL CHALK
Major lithology: White (N 8/) nannofossil ooze transition to nannofossil chalk in Section 3.

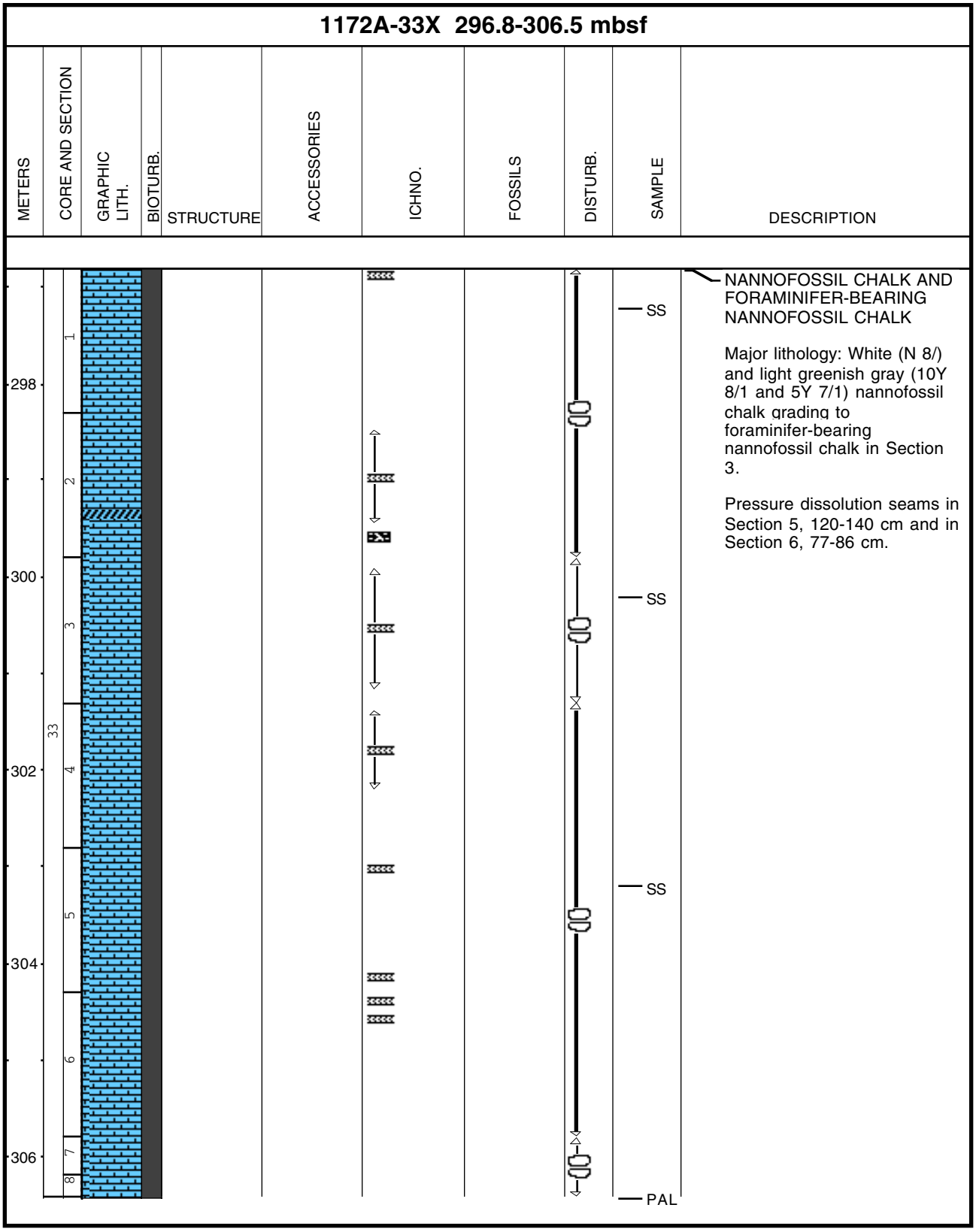
Core Photo


1172A-31X 277.6-287.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
278
280
282
284
31
1
2
3
4
5
6
7
Py
Py
Py
SS
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK AND NANNOFOSSIL CHALK
Major lithology: White (N 8/) foraminifer-bearing nannofossil chalk grading to nannofossil chalk in Section 5.

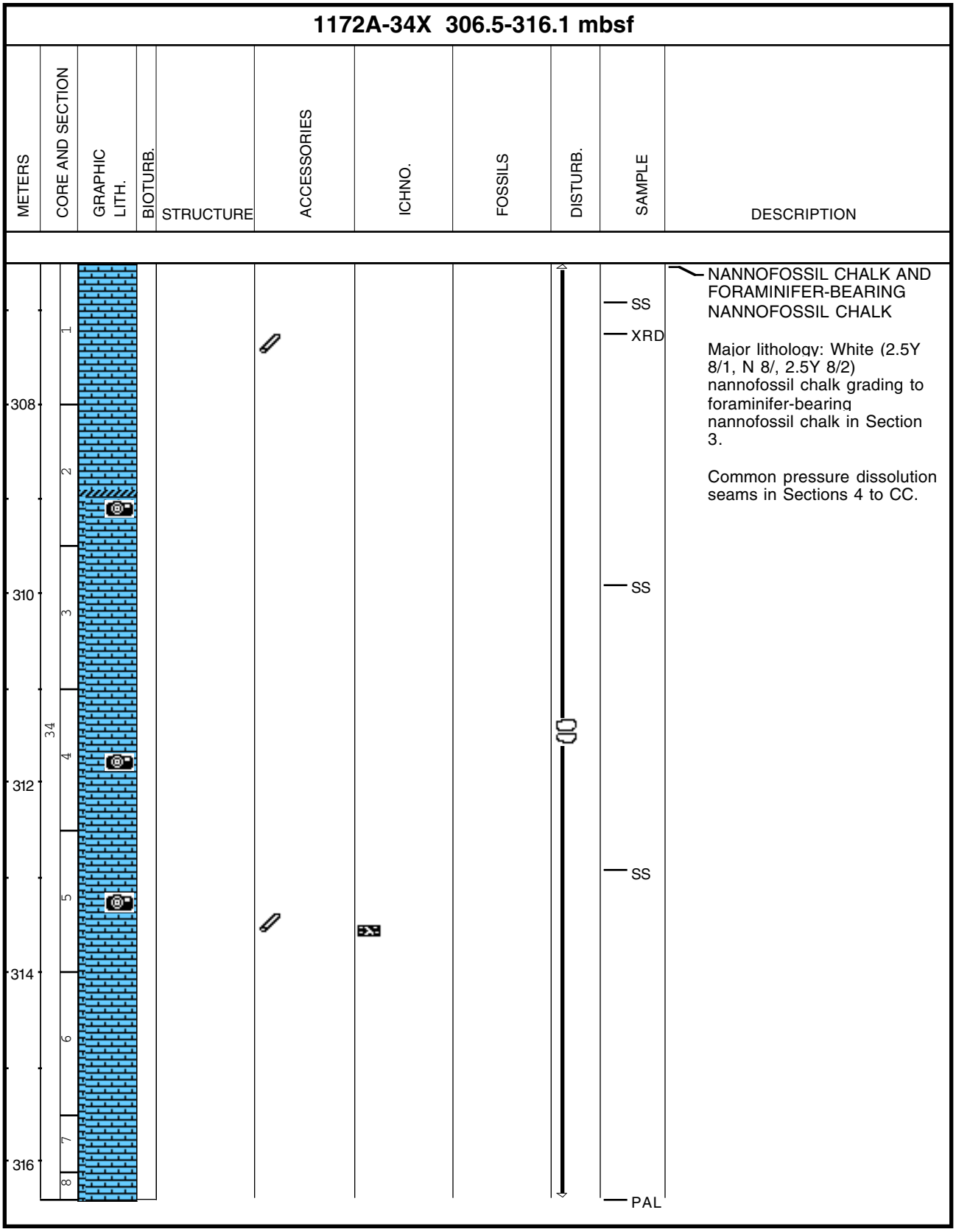
Core Photo


1172A-32X 287.2-296.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
288
290
292
294
32
1
2
3
4
5
6
7
Py
Py
SS
XRD
SS
SS
IW
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8/) and light greenish gray (10G 8/1 and 5BG 8/1) foraminifer-bearing nannofossil chalk.

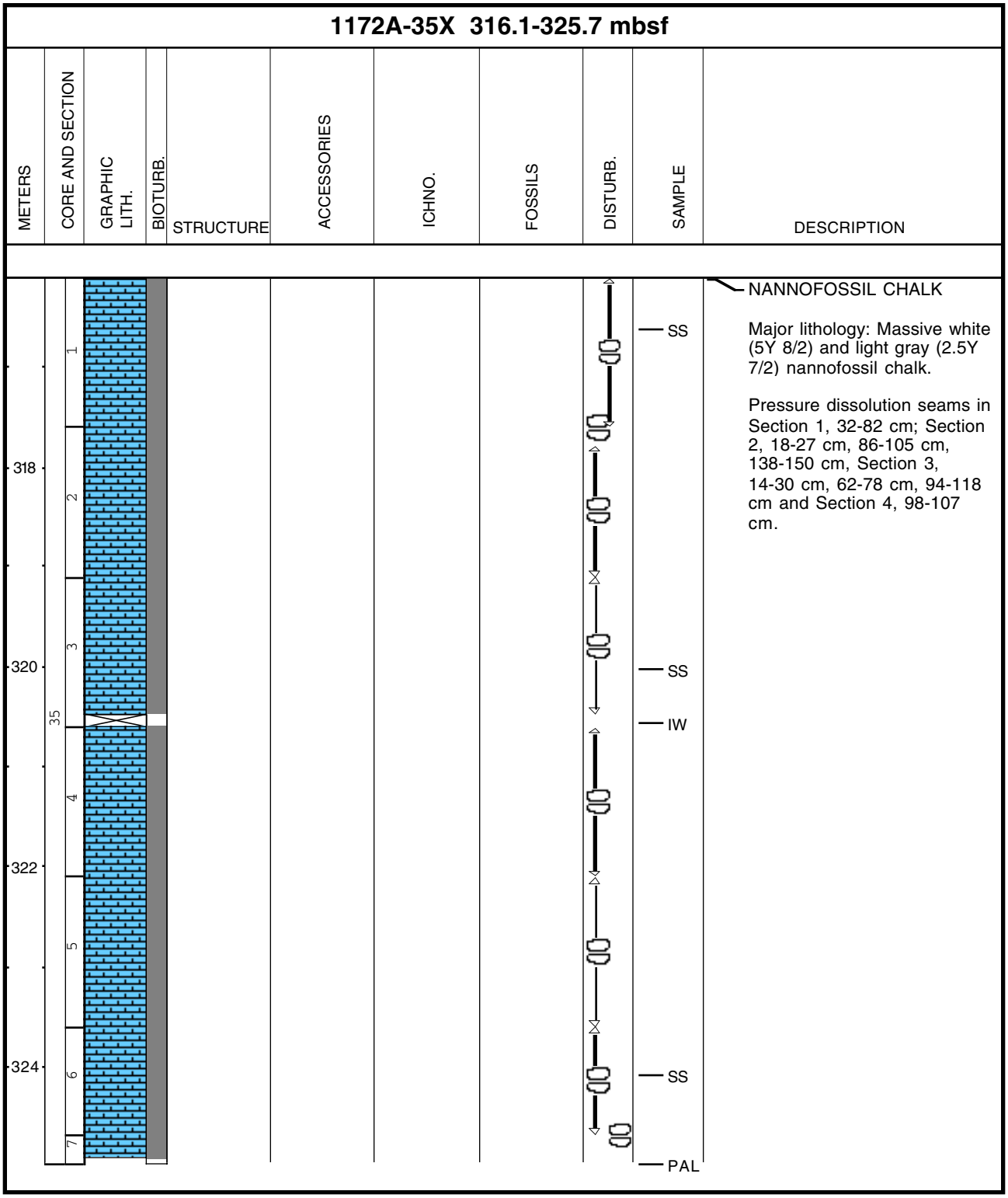
Core Photo


1172A-33X 296.8-306.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
298
300
302
304
306
33
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL CHALK AND FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8/) and light greenish gray (10Y 8/1 and 5Y 7/1) nannofossil chalk grading to foraminifer-bearing nannofossil chalk in Section 3.
Pressure dissolution seams in Section 5, 120-140 cm and in Section 6, 77-86 cm.

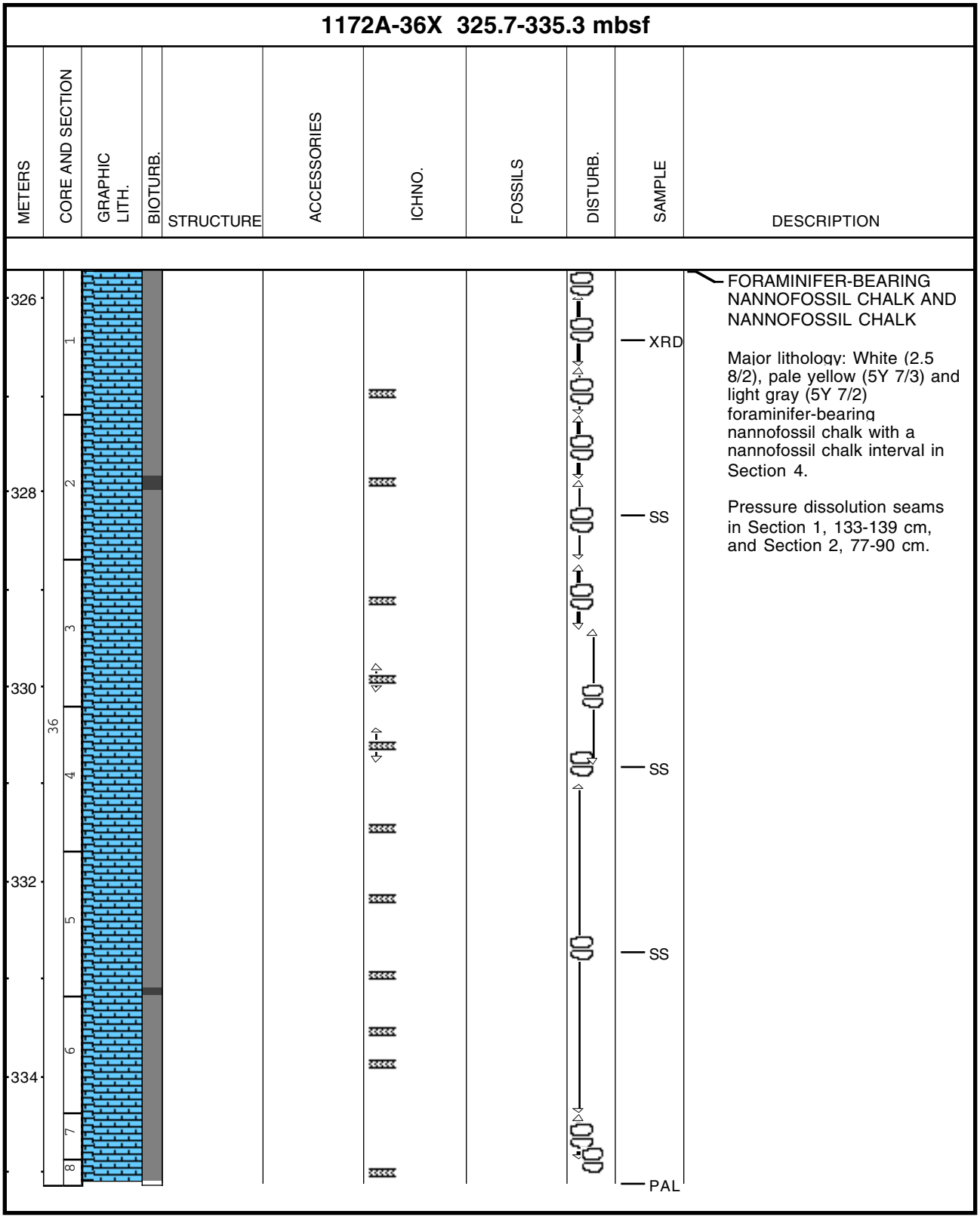
Core Photo


1172A-34X 306.5-316.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
308
310
312
314
316
34
1
2
3
4
5
6
7
8
SS
XRD
SS
SS
PAL
NANNOFOSSIL CHALK AND FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (2.5Y 8/1, N 8/, 2.5Y 8/2) nannofossil chalk grading to foraminifer-bearing nannofossil chalk in Section 3.
Common pressure dissolution seams in Sections 4 to CC.

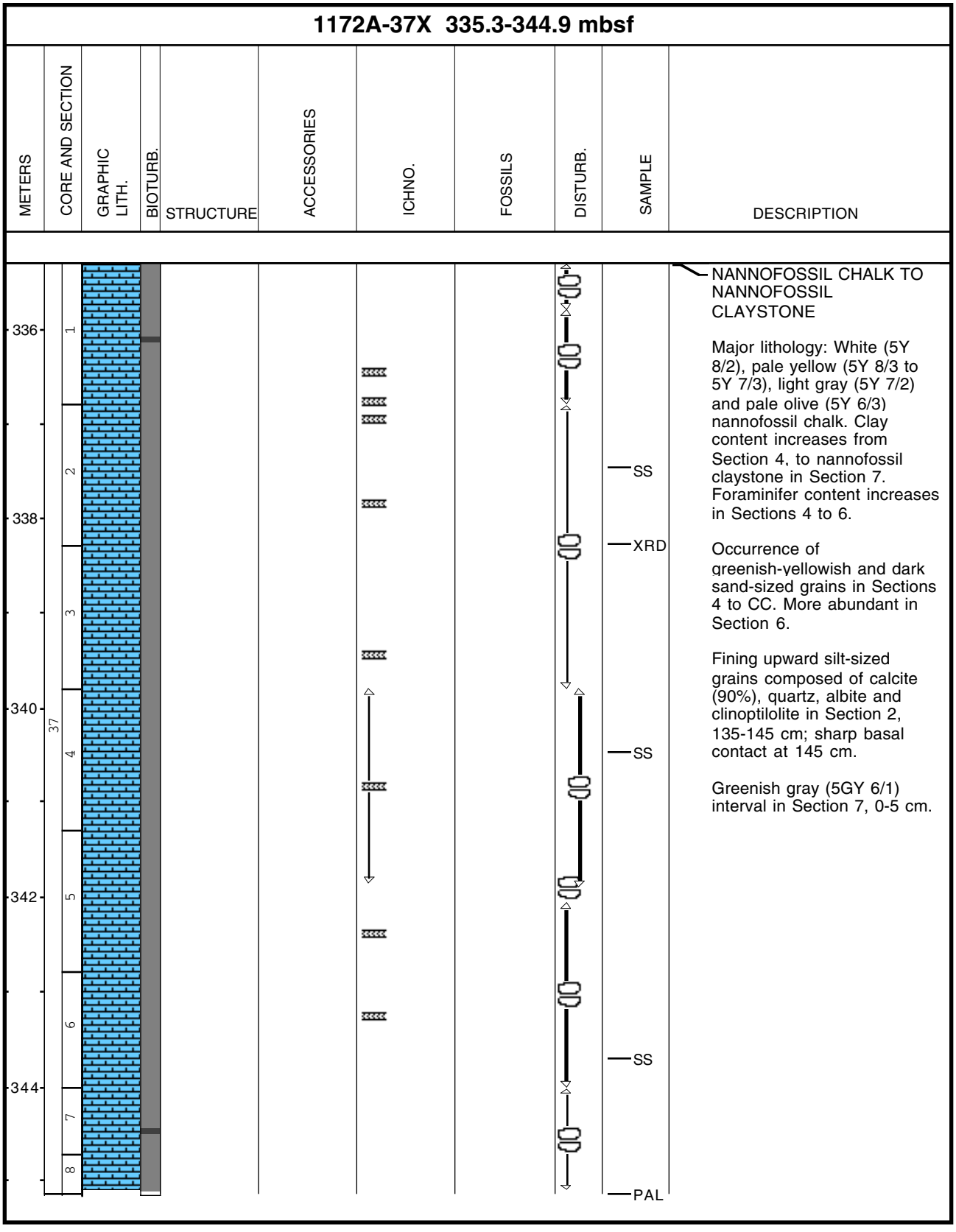
Core Photo


1172A-35X 316.1-325.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
318
320
322
324
35
1
2
3
4
5
6
7
SS
SS
IW
SS
PAL
NANNOFOSSIL CHALK
Major lithology: Massive white (5Y 8/2) and light gray (2.5Y 7/2) nannofossil chalk.
Pressure dissolution seams in Section 1, 32-82 cm; Section 2, 18-27 cm, 86-105 cm, 138-150 cm, Section 3, 14-30 cm, 62-78 cm, 94-118 cm and Section 4, 98-107 cm.

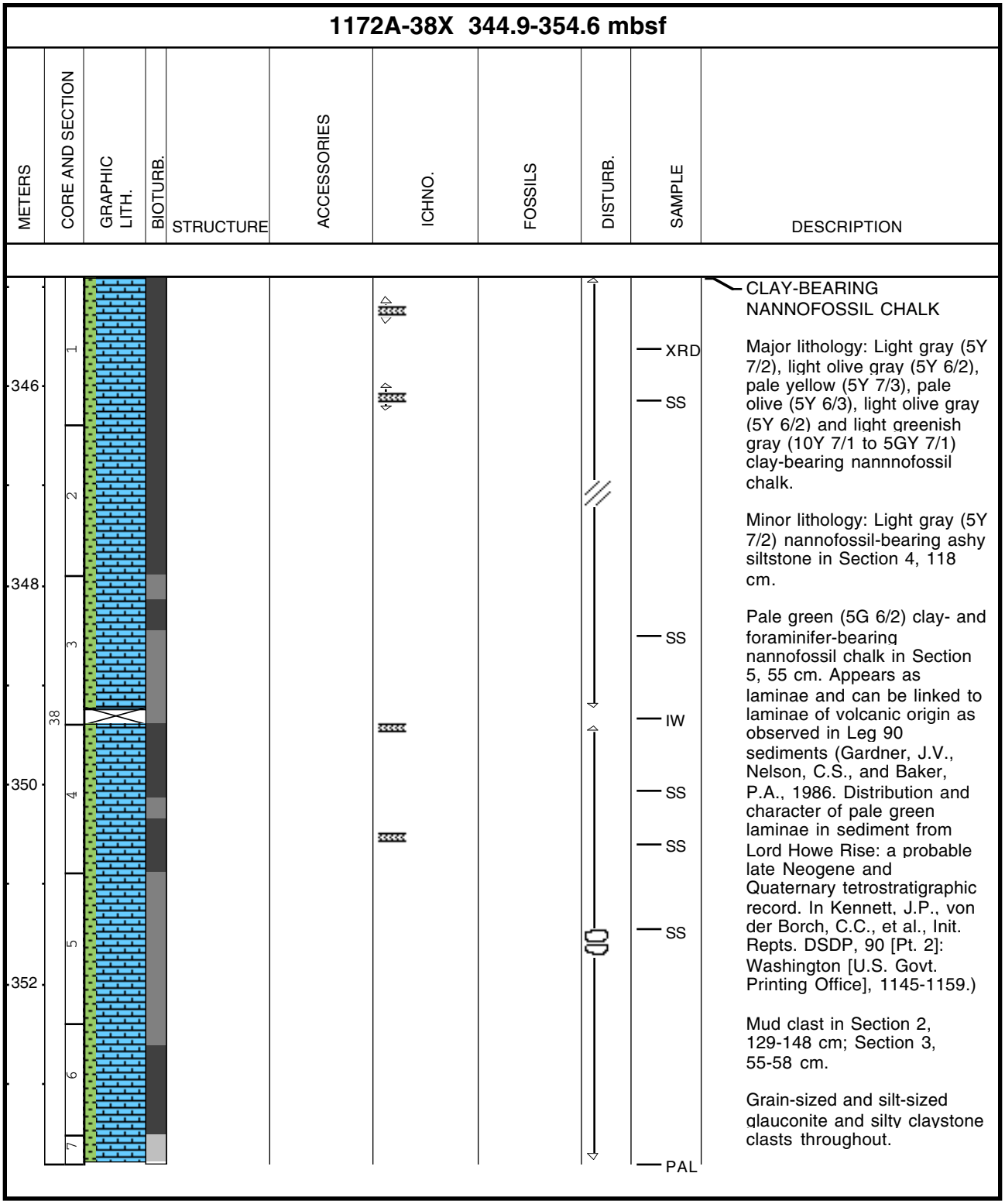
Core Photo


1172A-36X 325.7-335.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
326
328
330
332
334
36
1
2
3
4
5
6
7
8
XRD
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK AND NANNOFOSSIL CHALK
Major lithology: White (2.5 8/2), pale yellow (5Y 7/3) and light gray (5Y 7/2) foraminifer-bearing nannofossil chalk with a nannofossil chalk interval in Section 4.
Pressure dissolution seams in Section 1, 133-139 cm, and Section 2, 77-90 cm.

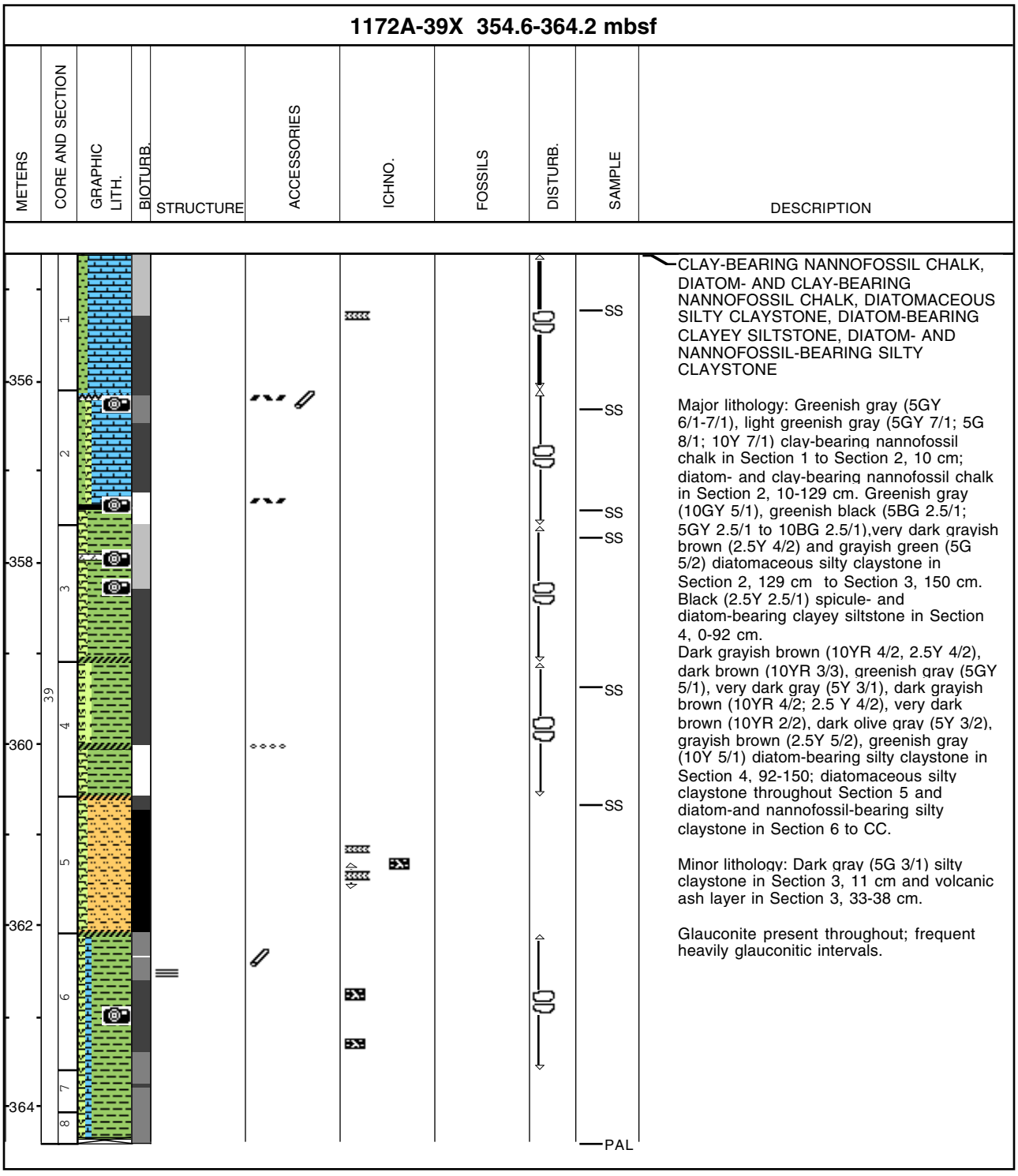
Core Photo


1172A-37X 335.3-344.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
336
338
340
342
344
37
1
2
3
4
5
6
7
8
SS
XRD
SS
SS
PAL
NANNOFOSSIL CHALK TO NANNOFOSSIL CLAYSTONE
Major lithology: White (5Y 8/2), pale yellow (5Y 8/3 to 5Y 7/3), light gray (5Y 7/2) and pale olive (5Y 6/3) nannofossil chalk. Clay content increases from Section 4, to nannofossil claystone in Section 7. Foraminifer content increases in Sections 4 to 6.
Occurrence of greenish-yellowish and dark sand-sized grains in Sections 4 to CC. More abundant in Section 6.
Fining upward silt-sized grains composed of calcite (90%), quartz, albite and clinoptilolite in Section 2, 135-145 cm; sharp basal contact at 145 cm.
Greenish gray (5GY 6/1) interval in Section 7, 0-5 cm.

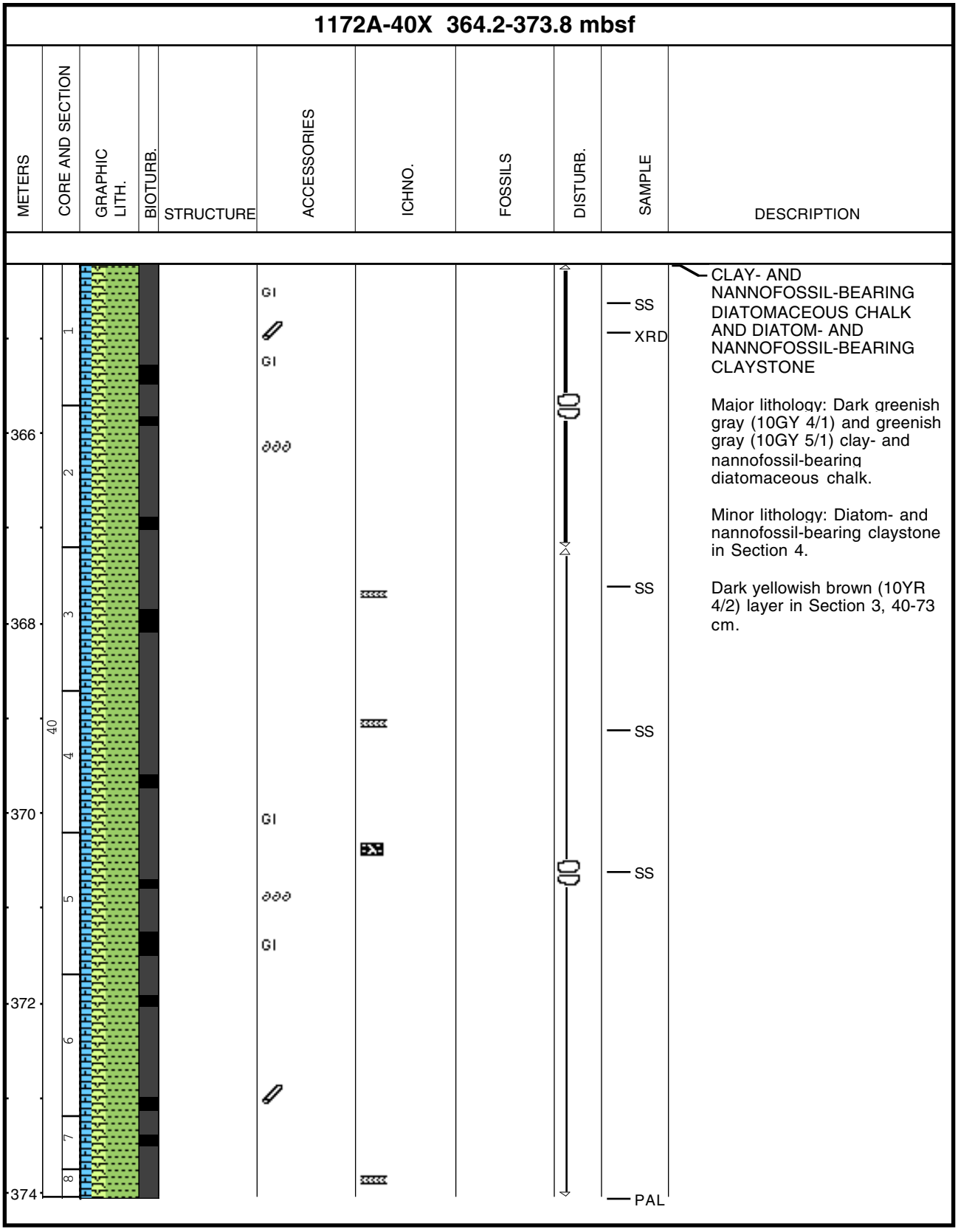
Core Photo


1172A-38X 344.9-354.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
346
348
350
352
38
1
2
3
4
5
6
7
XRD
SS
SS
IW
SS
SS
SS
PAL
CLAY-BEARING NANNOFOSSIL CHALK
Major lithology: Light gray (5Y 7/2), light olive gray (5Y 6/2), pale yellow (5Y 7/3), pale olive (5Y 6/3), light olive gray (5Y 6/2) and light greenish gray (10Y 7/1 to 5GY 7/1) clay-bearing nannnofossil chalk.
Minor lithology: Light gray (5Y 7/2) nannofossil-bearing ashy siltstone in Section 4, 118 cm.
Pale green (5G 6/2) clay- and foraminifer-bearing nannofossil chalk in Section 5, 55 cm. Appears as laminae and can be linked to laminae of volcanic origin as observed in Leg 90 sediments (Gardner, J.V., Nelson, C.S., and Baker, P.A., 1986. Distribution and character of pale green laminae in sediment from Lord Howe Rise: a probable late Neogene and Quaternary tetrostratigraphic record. In Kennett, J.P., von der Borch, C.C., et al., Init. Repts. DSDP, 90 [Pt. 2]: Washington [U.S. Govt. Printing Office], 1145-1159.)
Mud clast in Section 2, 129-148 cm; Section 3, 55-58 cm.
Grain-sized and silt-sized glauconite and silty claystone clasts throughout.

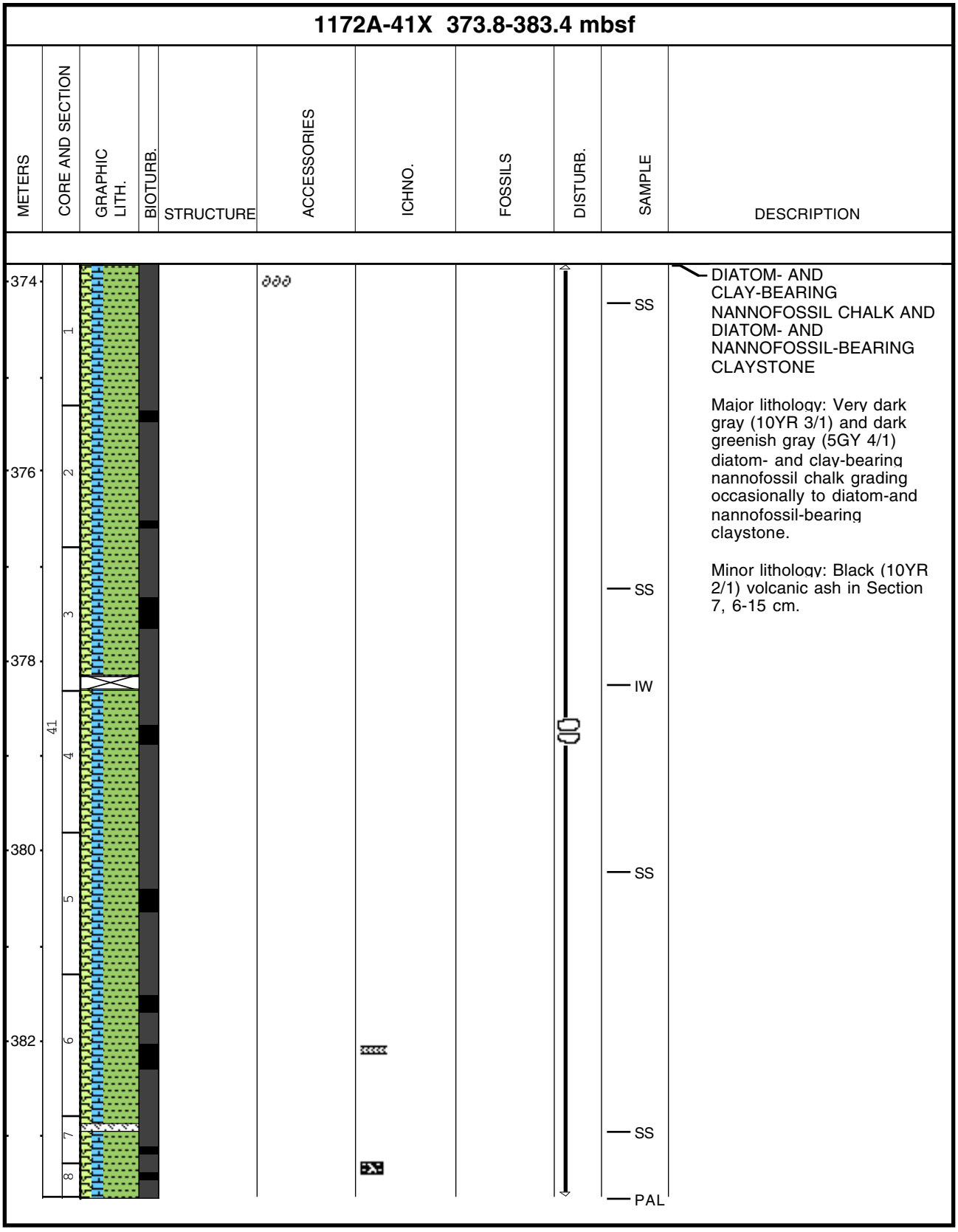
Core Photo


1172A-39X 354.6-364.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
356
358
360
362
364
39
1
2
3
4
5
6
7
8
SS
SS
SS
SS
SS
SS
PAL
CLAY-BEARING NANNOFOSSIL CHALK, DIATOM- AND CLAY-BEARING NANNOFOSSIL CHALK, DIATOMACEOUS SILTY CLAYSTONE, DIATOM-BEARING CLAYEY SILTSTONE, DIATOM- AND NANNOFOSSIL-BEARING SILTY CLAYSTONE
Major lithology: Greenish gray (5GY 6/1-7/1), light greenish gray (5GY 7/1; 5G 8/1; 10Y 7/1) clay-bearing nannofossil chalk in Section 1 to Section 2, 10 cm; diatom- and clay-bearing nannofossil chalk in Section 2, 10-129 cm. Greenish gray (10GY 5/1), greenish black (5BG 2.5/1; 5GY 2.5/1 to 10BG 2.5/1),very dark grayish brown (2.5Y 4/2) and grayish green (5G 5/2) diatomaceous silty claystone in Section 2, 129 cm to Section 3, 150 cm. Black (2.5Y 2.5/1) spicule- and diatom-bearing clayey siltstone in Section 4, 0-92 cm.
Dark grayish brown (10YR 4/2, 2.5Y 4/2), dark brown (10YR 3/3), greenish gray (5GY 5/1), very dark gray (5Y 3/1), dark grayish brown (10YR 4/2; 2.5 Y 4/2), very dark brown (10YR 2/2), dark olive gray (5Y 3/2), grayish brown (2.5Y 5/2), greenish gray (10Y 5/1) diatom-bearing silty claystone in Section 4, 92-150; diatomaceous silty claystone throughout Section 5 and diatom-and nannofossil-bearing silty claystone in Section 6 to CC.
Minor lithology: Dark gray (5G 3/1) silty claystone in Section 3, 11 cm and volcanic ash layer in Section 3, 33-38 cm.
Glauconite present throughout; frequent heavily glauconitic intervals.

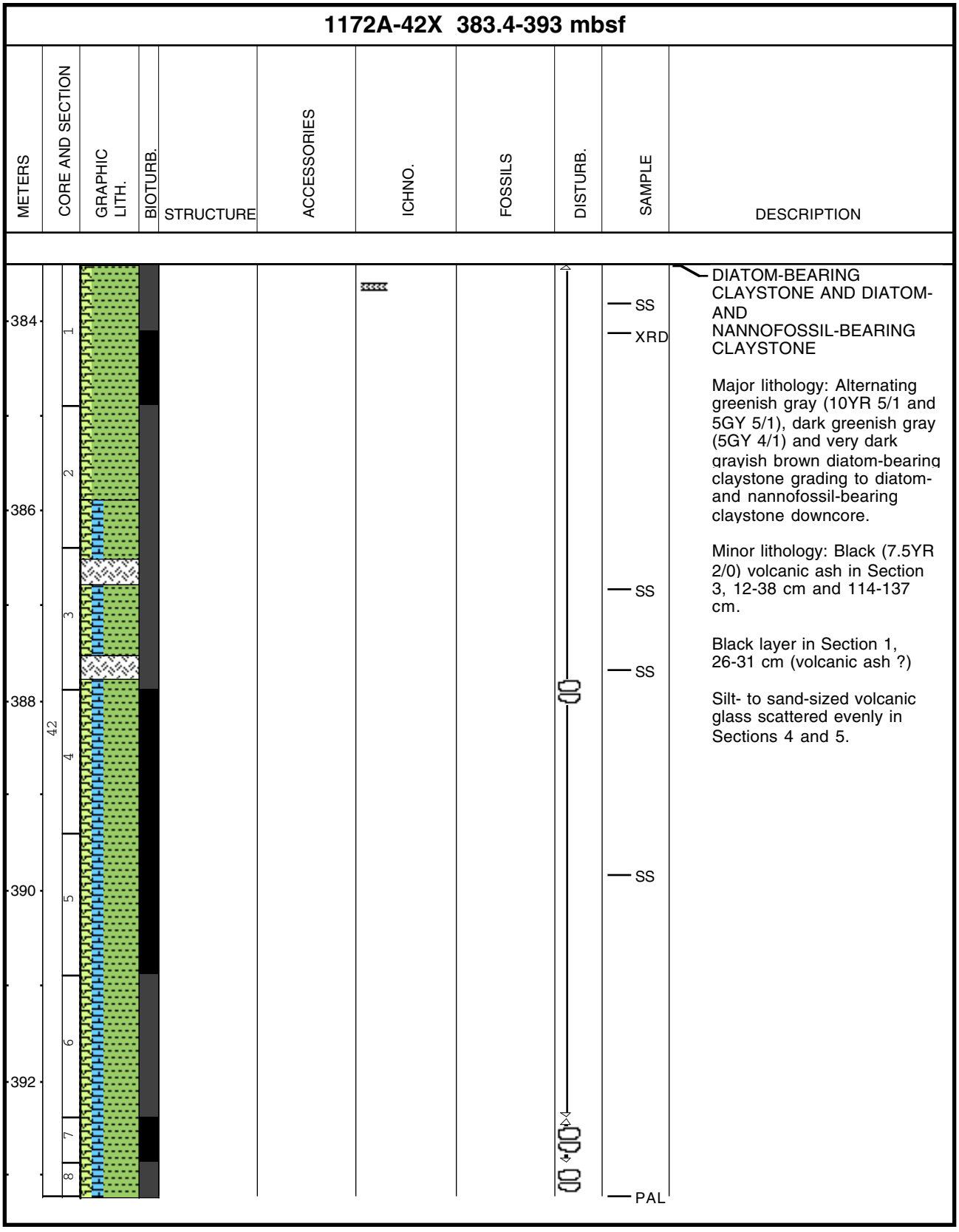
Core Photo


1172A-40X 364.2-373.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
366
368
370
372
374
40
1
2
3
4
5
6
7
8
GI
GI
GI
GI
SS
XRD
SS
SS
SS
PAL
CLAY- AND NANNOFOSSIL-BEARING DIATOMACEOUS CHALK AND DIATOM- AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Dark greenish gray (10GY 4/1) and greenish gray (10GY 5/1) clay- and nannofossil-bearing diatomaceous chalk.
Minor lithology: Diatom- and nannofossil-bearing claystone in Section 4.
Dark yellowish brown (10YR 4/2) layer in Section 3, 40-73 cm.

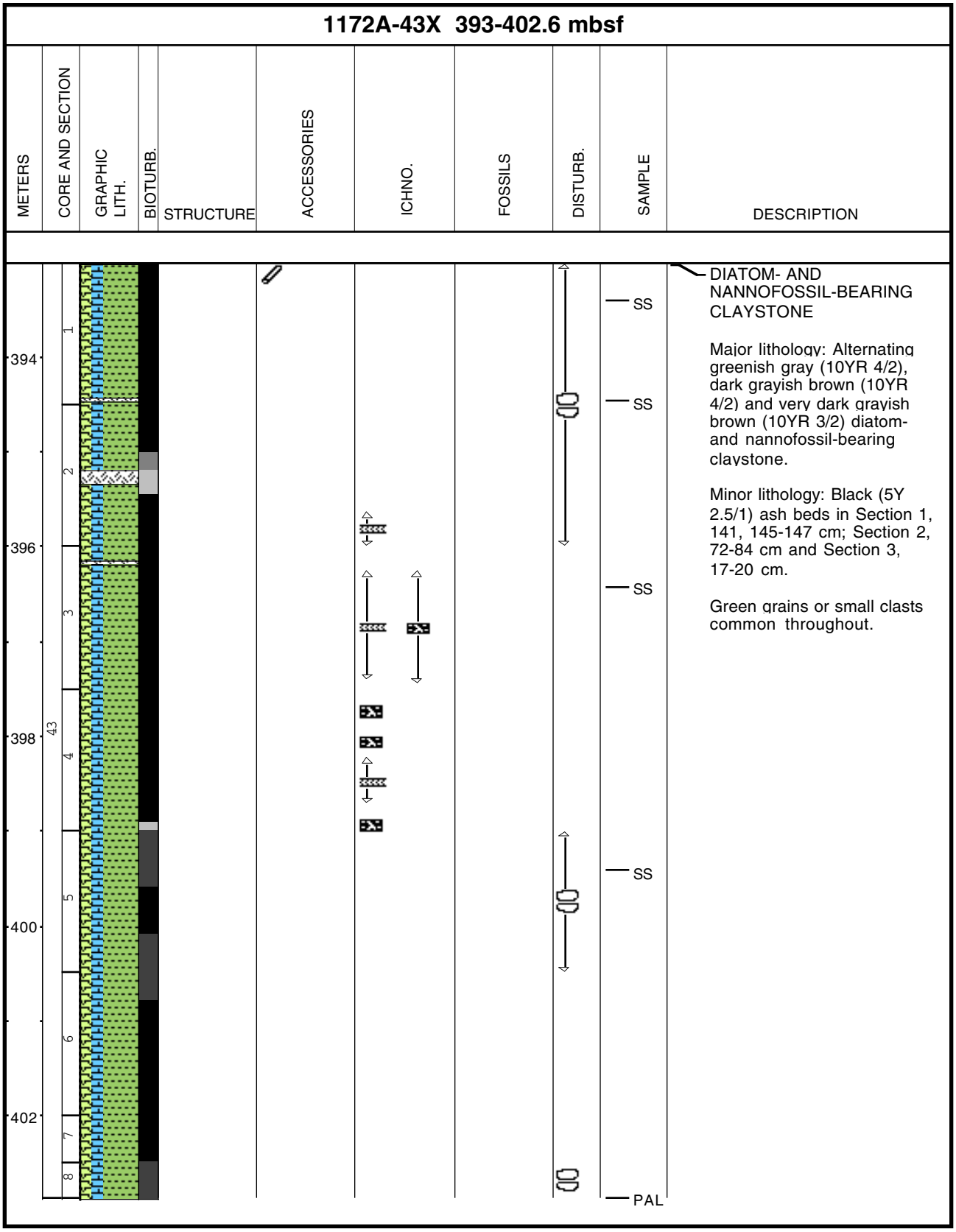
Core Photo


1172A-41X 373.8-383.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
374
376
378
380
382
41
1
2
3
4
5
6
7
8
SS
SS
IW
SS
SS
PAL
DIATOM- AND CLAY-BEARING NANNOFOSSIL CHALK AND DIATOM- AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Very dark gray (10YR 3/1) and dark greenish gray (5GY 4/1) diatom- and clay-bearing nannofossil chalk grading occasionally to diatom-and nannofossil-bearing claystone.
Minor lithology: Black (10YR 2/1) volcanic ash in Section 7, 6-15 cm.

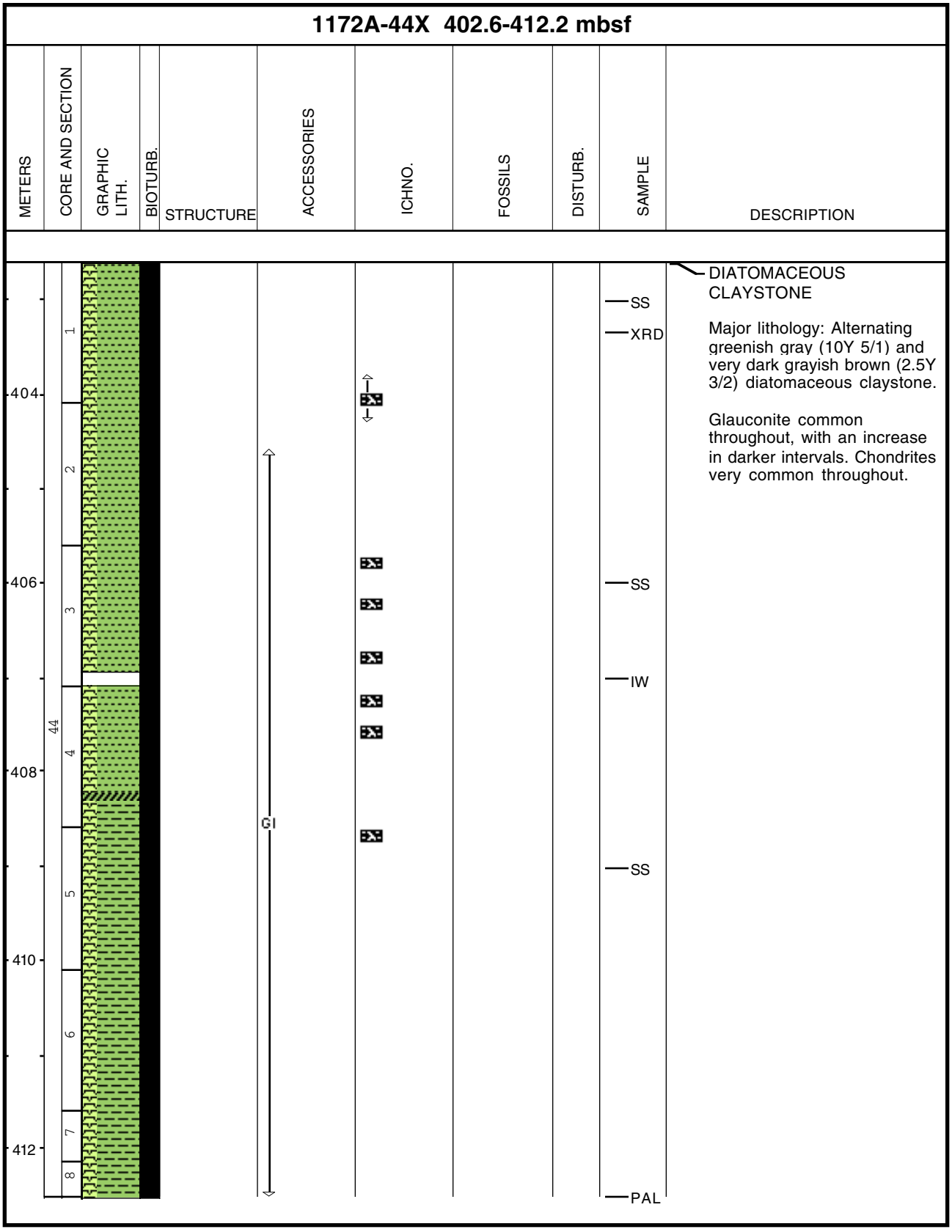
Core Photo


1172A-42X 383.4-393 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
384
386
388
390
392
42
1
2
3
4
5
6
7
8
SS
XRD
SS
SS
SS
PAL
DIATOM-BEARING CLAYSTONE AND DIATOM- AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Alternating greenish gray (10YR 5/1 and 5GY 5/1), dark greenish gray (5GY 4/1) and very dark grayish brown diatom-bearing claystone grading to diatom- and nannofossil-bearing claystone downcore.
Minor lithology: Black (7.5YR 2/0) volcanic ash in Section 3, 12-38 cm and 114-137 cm.
Black layer in Section 1, 26-31 cm (volcanic ash ?)
Silt- to sand-sized volcanic glass scattered evenly in Sections 4 and 5.

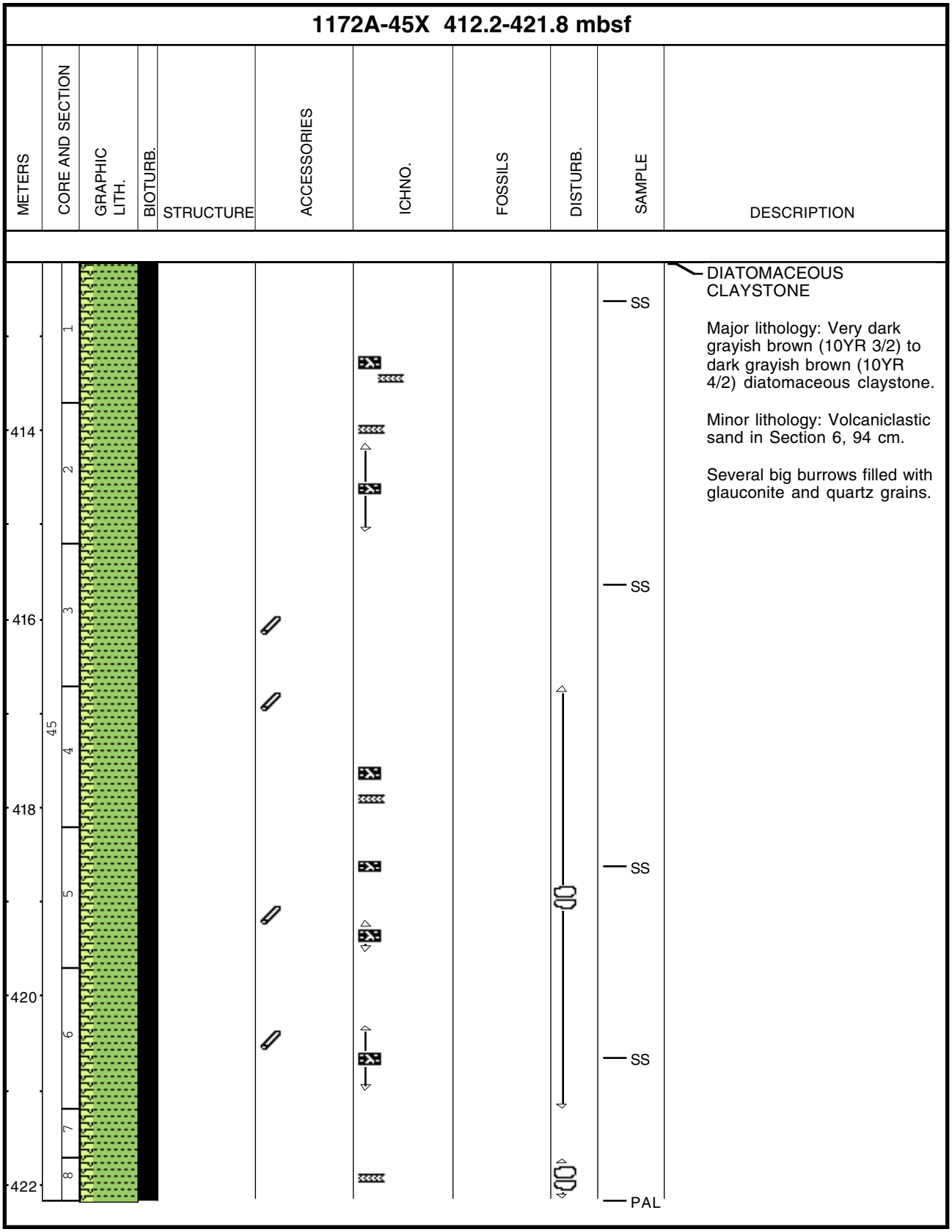
Core Photo


1172A-43X 393-402.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
394
396
398
400
402
43
1
2
3
4
5
6
7
8
SS
SS
SS
SS
PAL
DIATOM- AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Alternating greenish gray (10YR 4/2), dark grayish brown (10YR 4/2) and very dark grayish brown (10YR 3/2) diatom- and nannofossil-bearing claystone.
Minor lithology: Black (5Y 2.5/1) ash beds in Section 1, 141, 145-147 cm; Section 2, 72-84 cm and Section 3, 17-20 cm.
Green grains or small clasts common throughout.

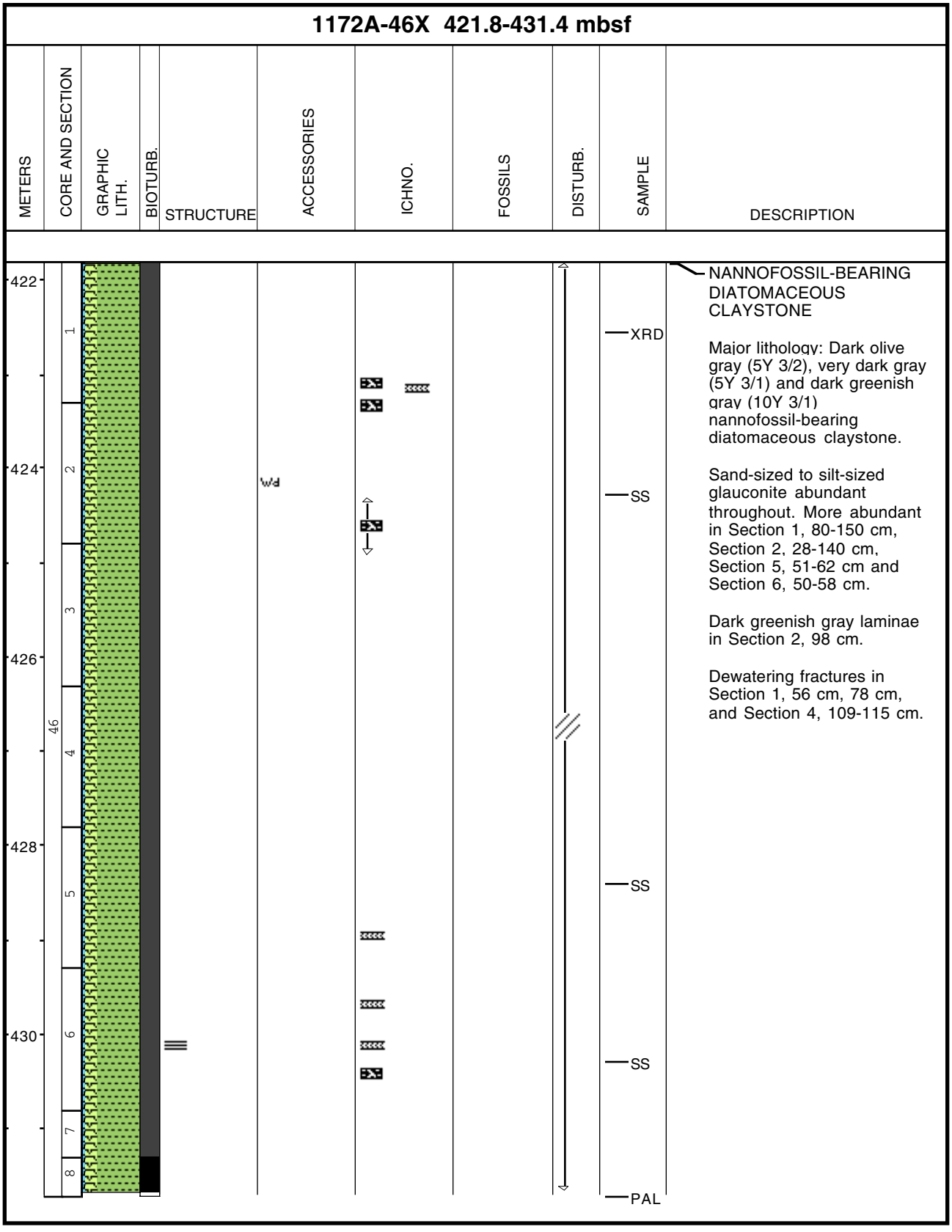
Core Photo


1172A-44X 402.6-412.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
404
406
408
410
412
44
1
2
3
4
5
6
7
8
GI
SS
XRD
SS
IW
SS
PAL
DIATOMACEOUS CLAYSTONE
Major lithology: Alternating greenish gray (10Y 5/1) and very dark grayish brown (2.5Y 3/2) diatomaceous claystone.
Glauconite common throughout, with an increase in darker intervals. Chondrites very common throughout.

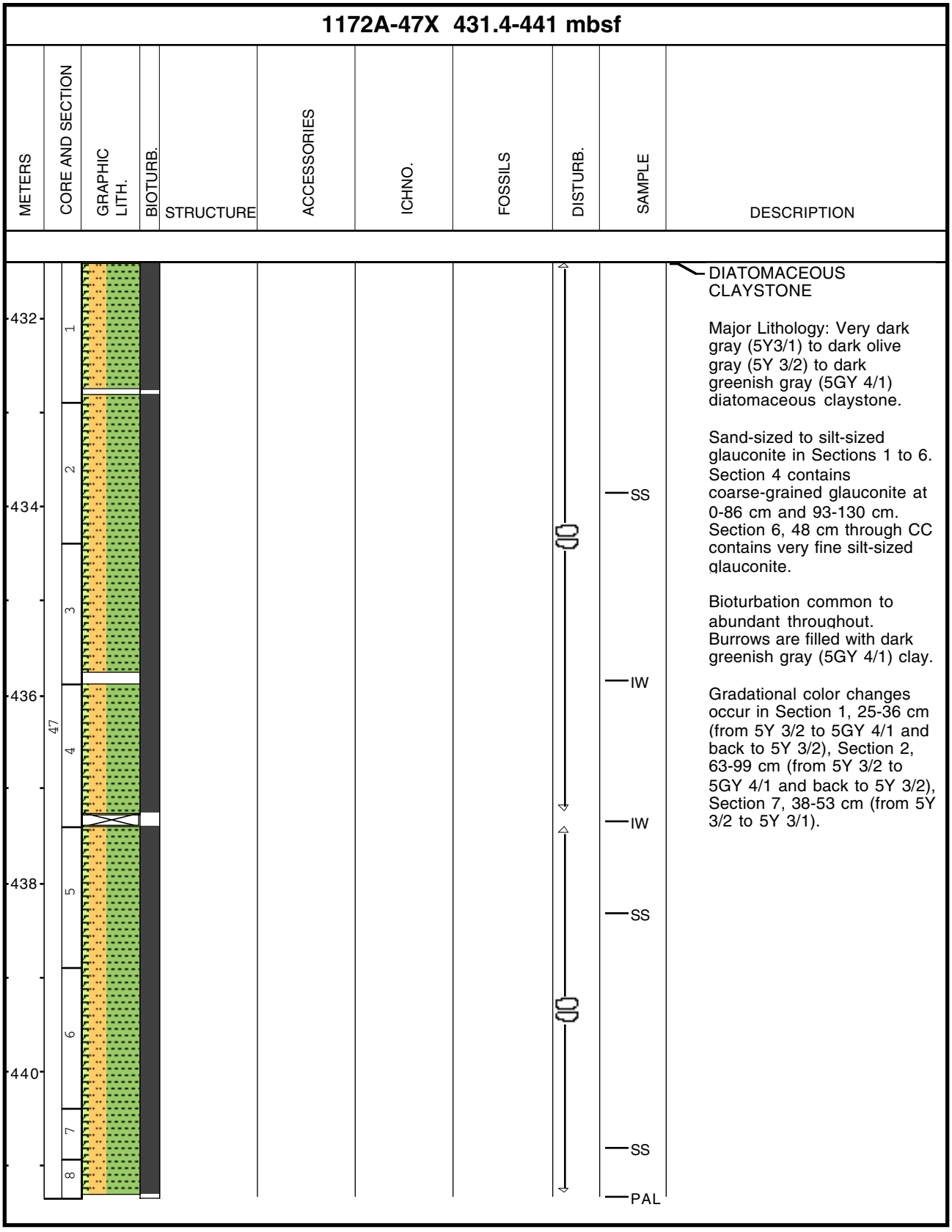
Core Photo


1172A-45X 412.2-421.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
414
416
418
420
422
45
1
2
3
4
5
6
7
8
SS
SS
SS
SS
PAL
DIATOMACEOUS CLAYSTONE
Major lithology: Very dark grayish brown (10YR 3/2) to dark grayish brown (10YR 4/2) diatomaceous claystone.
Minor lithology: Volcaniclastic sand in Section 6, 94 cm.
Several big burrows filled with glauconite and quartz grains.

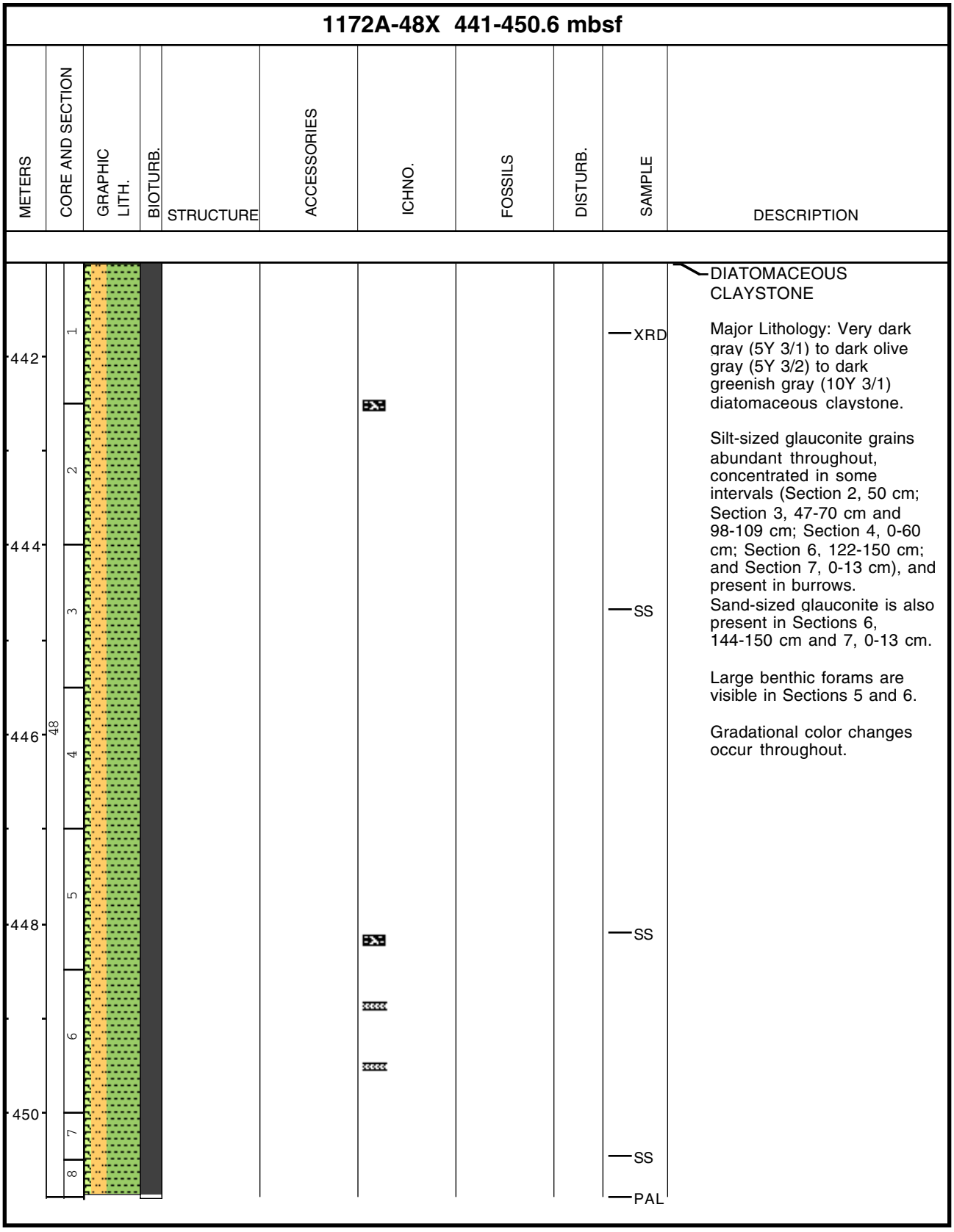
Core Photo


1172A-46X 421.8-431.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
422
424
426
428
430
46
1
2
3
4
5
6
7
8
Wd
XRD
SS
SS
SS
PAL
NANNOFOSSIL-BEARING DIATOMACEOUS CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2), very dark gray (5Y 3/1) and dark greenish gray (10Y 3/1) nannofossil-bearing diatomaceous claystone.
Sand-sized to silt-sized glauconite abundant throughout. More abundant in Section 1, 80-150 cm, Section 2, 28-140 cm, Section 5, 51-62 cm and Section 6, 50-58 cm.
Dark greenish gray laminae in Section 2, 98 cm.
Dewatering fractures in Section 1, 56 cm, 78 cm, and Section 4, 109-115 cm.

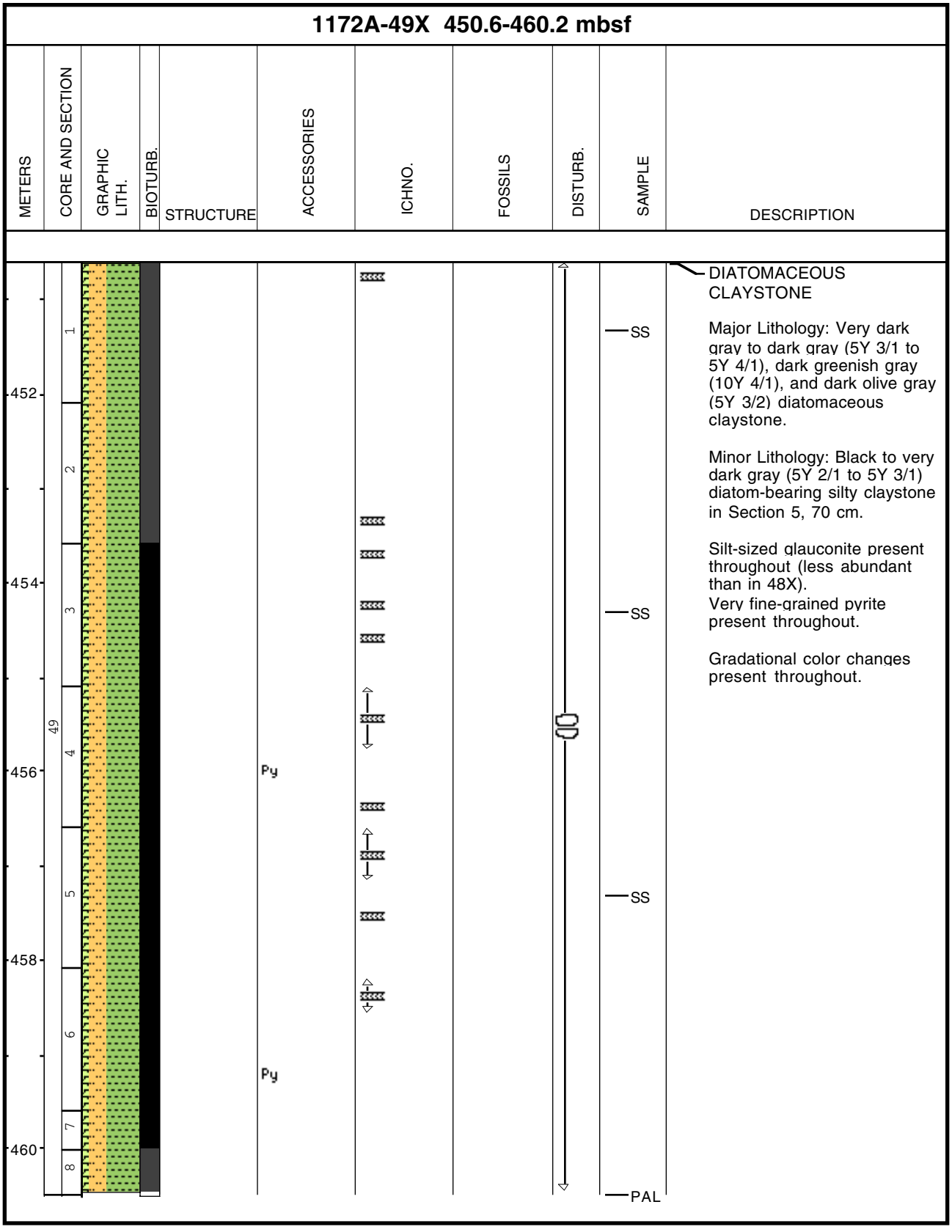
Core Photo


1172A-47X 431.4-441 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
432
434
436
438
440
47
1
2
3
4
5
6
7
8
SS
IW
IW
SS
SS
PAL
DIATOMACEOUS CLAYSTONE
Major Lithology: Very dark gray (5Y3/1) to dark olive gray (5Y 3/2) to dark greenish gray (5GY 4/1) diatomaceous claystone.
Sand-sized to silt-sized glauconite in Sections 1 to 6. Section 4 contains coarse-grained glauconite at 0-86 cm and 93-130 cm. Section 6, 48 cm through CC contains very fine silt-sized glauconite.
Bioturbation common to abundant throughout. Burrows are filled with dark greenish gray (5GY 4/1) clay.
Gradational color changes occur in Section 1, 25-36 cm (from 5Y 3/2 to 5GY 4/1 and back to 5Y 3/2), Section 2, 63-99 cm (from 5Y 3/2 to 5GY 4/1 and back to 5Y 3/2), Section 7, 38-53 cm (from 5Y 3/2 to 5Y 3/1).

Core Photo

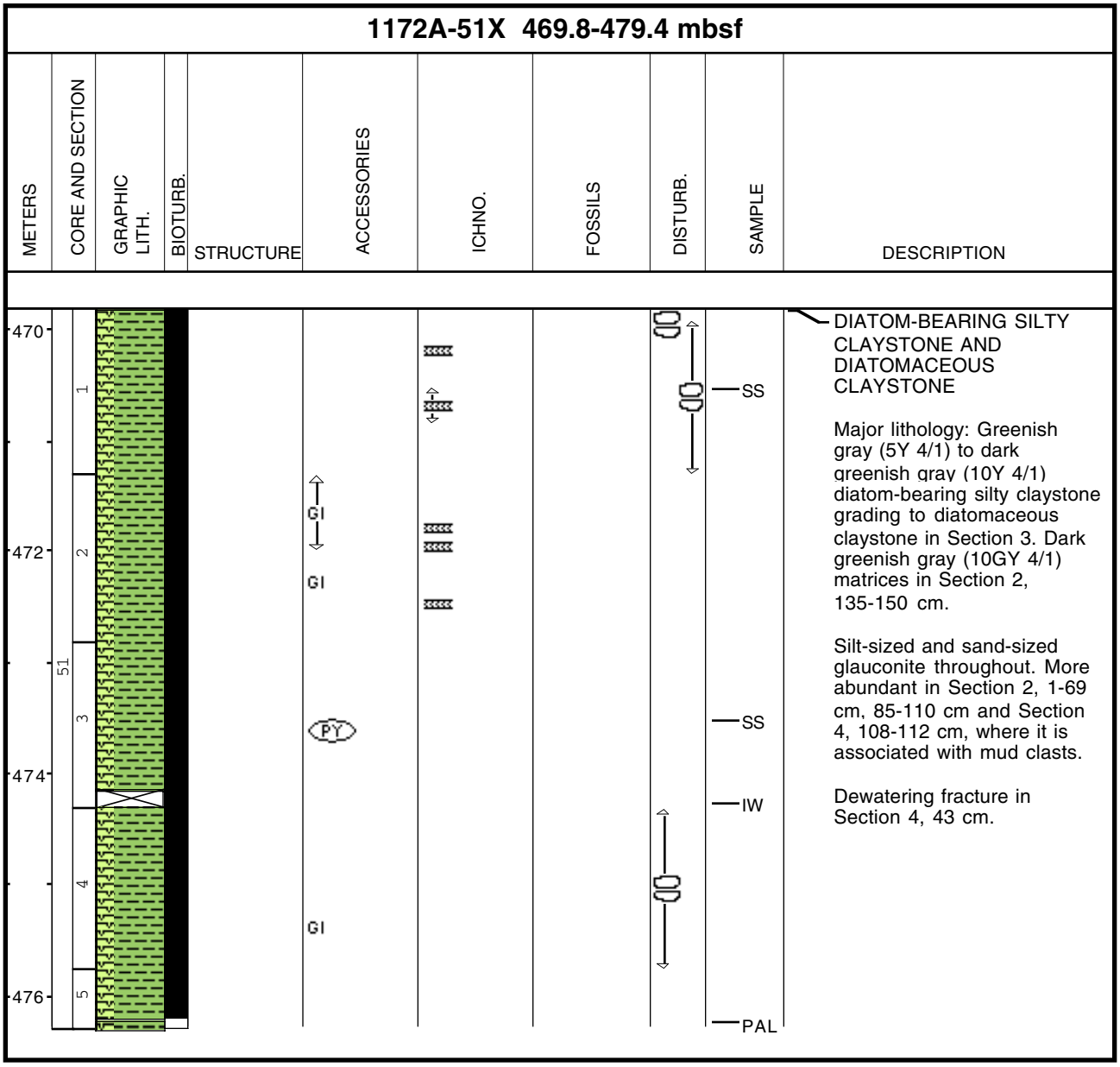

1172A-48X 441-450.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
442
444
446
448
450
48
1
2
3
4
5
6
7
8
XRD
SS
SS
SS
PAL
DIATOMACEOUS CLAYSTONE
Major Lithology: Very dark gray (5Y 3/1) to dark olive gray (5Y 3/2) to dark greenish gray (10Y 3/1) diatomaceous claystone.
Silt-sized glauconite grains abundant throughout, concentrated in some intervals (Section 2, 50 cm; Section 3, 47-70 cm and 98-109 cm; Section 4, 0-60 cm; Section 6, 122-150 cm; and Section 7, 0-13 cm), and present in burrows. Sand-sized glauconite is also present in Sections 6, 144-150 cm and 7, 0-13 cm.
Large benthic forams are visible in Sections 5 and 6.
Gradational color changes occur throughout.

Core Photo

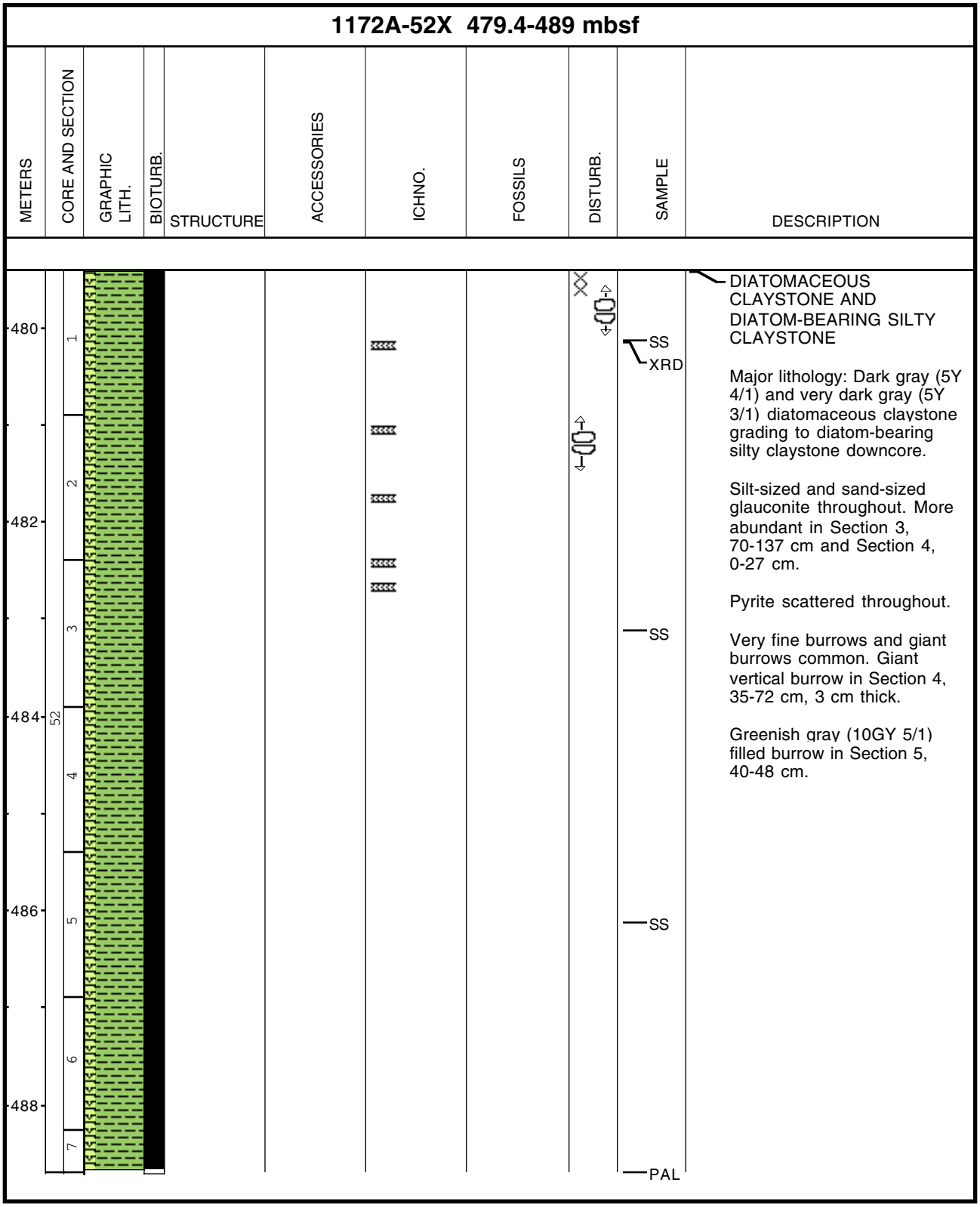


1172A-50X ENTIRE CORE GIVEN TO PALEONTOLOGY

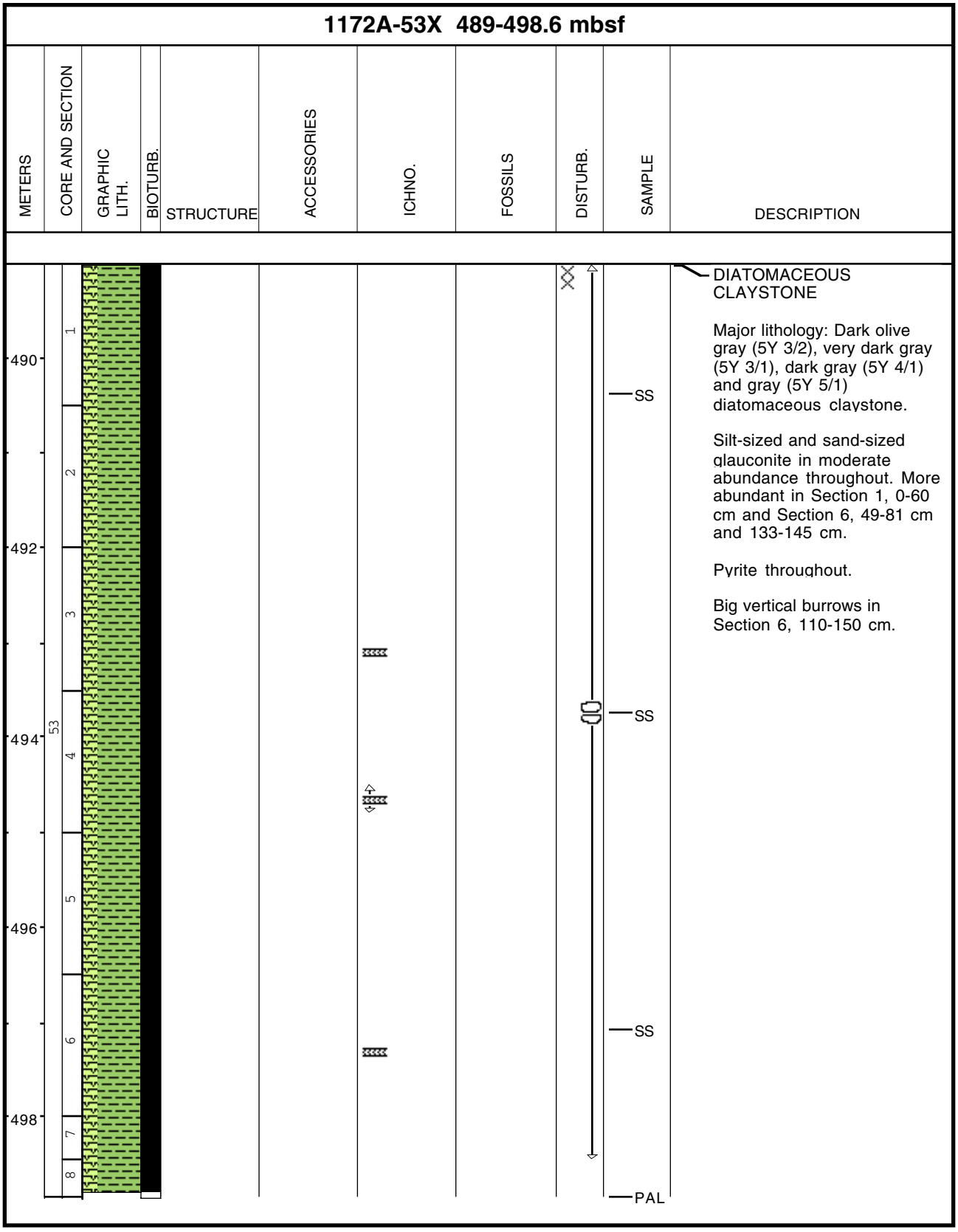
Core Photo


1172A-51X 469.8-479.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
470
472
474
476
51
1
2
3
4
5
GI
GI
PY
GI
SS
SS
IW
PAL
DIATOM-BEARING SILTY CLAYSTONE AND DIATOMACEOUS CLAYSTONE
Major lithology: Greenish gray (5Y 4/1) to dark greenish gray (10Y 4/1) diatom-bearing silty claystone grading to diatomaceous claystone in Section 3. Dark greenish gray (10GY 4/1) matrices in Section 2, 135-150 cm.
Silt-sized and sand-sized glauconite throughout. More abundant in Section 2, 1-69 cm, 85-110 cm and Section 4, 108-112 cm, where it is associated with mud clasts.
Dewatering fracture in Section 4, 43 cm.

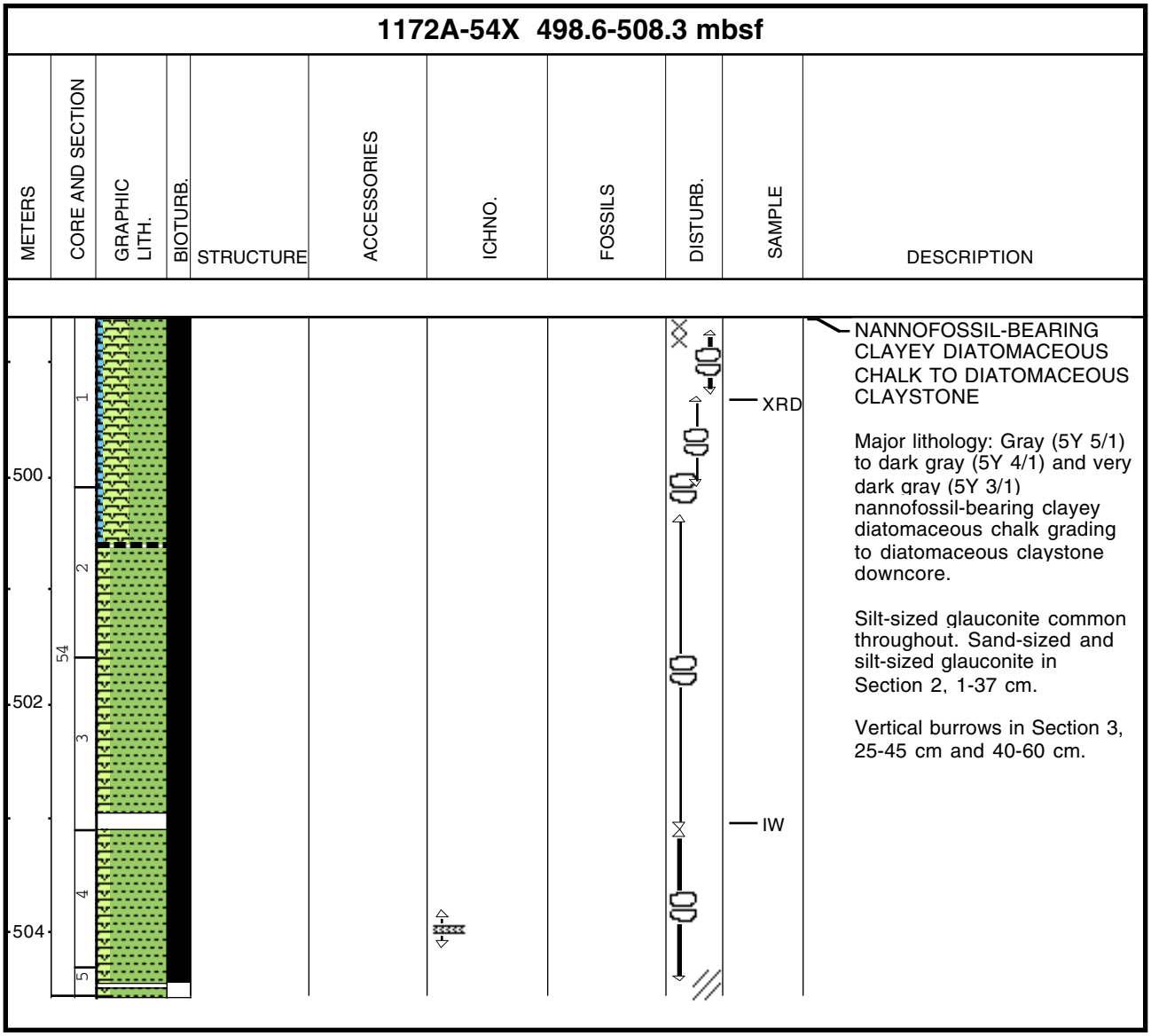
Core Photo


1172A-52X 479.4-489 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
480
482
484
486
488
52
1
2
3
4
5
6
7
SS
XRD
SS
SS
PAL
DIATOMACEOUS CLAYSTONE AND DIATOM-BEARING SILTY CLAYSTONE
Major lithology: Dark gray (5Y 4/1) and very dark gray (5Y 3/1) diatomaceous claystone grading to diatom-bearing silty claystone downcore.
Silt-sized and sand-sized glauconite throughout. More abundant in Section 3, 70-137 cm and Section 4, 0-27 cm.
Pyrite scattered throughout.
Very fine burrows and giant burrows common. Giant vertical burrow in Section 4, 35-72 cm, 3 cm thick.
Greenish gray (10GY 5/1) filled burrow in Section 5, 40-48 cm.

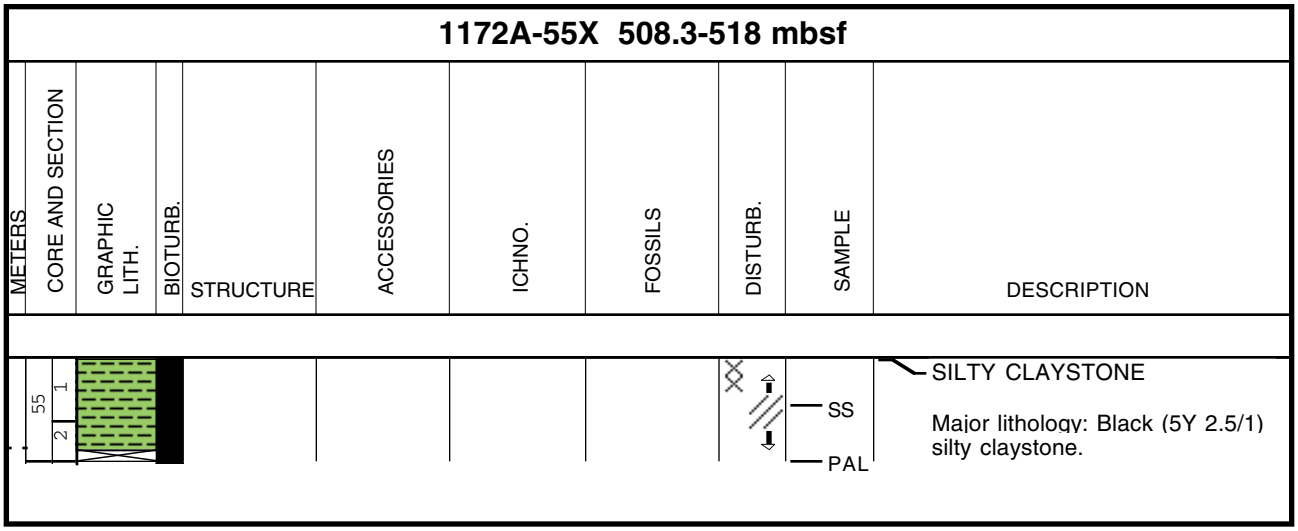
Core Photo


1172A-53X 489-498.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
490
492
494
496
498
53
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
DIATOMACEOUS CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2), very dark gray (5Y 3/1), dark gray (5Y 4/1) and gray (5Y 5/1) diatomaceous claystone.
Silt-sized and sand-sized glauconite in moderate abundance throughout. More abundant in Section 1, 0-60 cm and Section 6, 49-81 cm and 133-145 cm.
Pyrite throughout.
Big vertical burrows in Section 6, 110-150 cm.

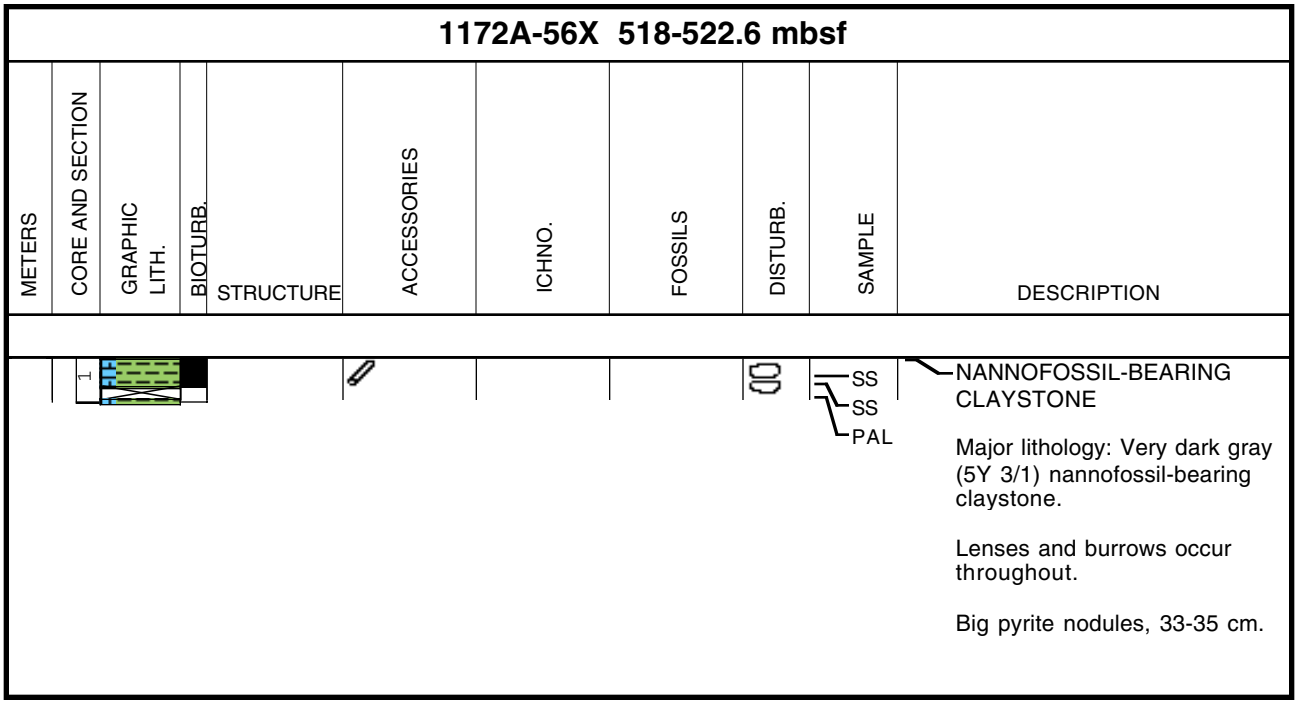
Core Photo


1172A-54X 498.6-508.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
500
502
504
54
1
2
3
4
5
XRD
IW
NANNOFOSSIL-BEARING CLAYEY DIATOMACEOUS CHALK TO DIATOMACEOUS CLAYSTONE
Major lithology: Gray (5Y 5/1) to dark gray (5Y 4/1) and very dark gray (5Y 3/1) nannofossil-bearing clayey diatomaceous chalk grading to diatomaceous claystone downcore.
Silt-sized glauconite common throughout. Sand-sized and silt-sized glauconite in Section 2, 1-37 cm.
Vertical burrows in Section 3, 25-45 cm and 40-60 cm.

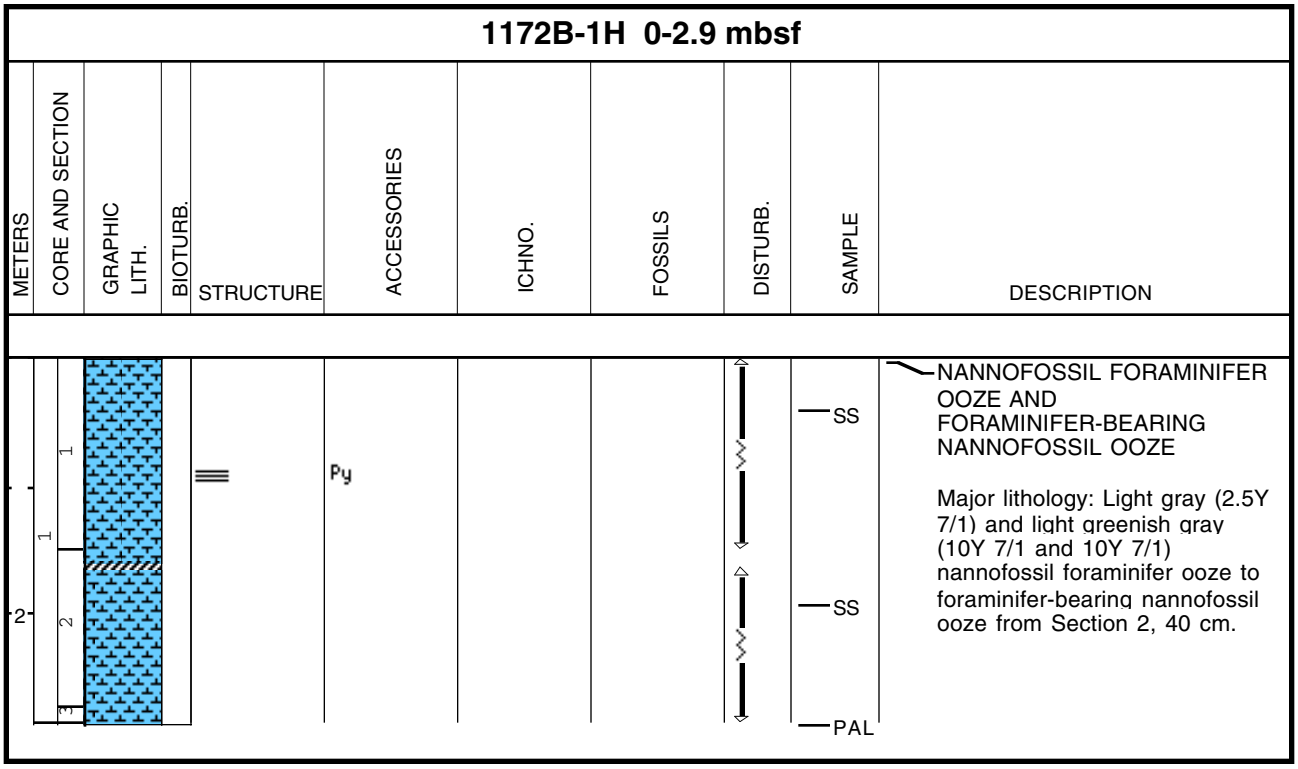
Core Photo


1172A-55X 508.3-518 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
55
1
2
SS
PAL
SILTY CLAYSTONE
Major lithology: Black (5Y 2.5/1) silty claystone.

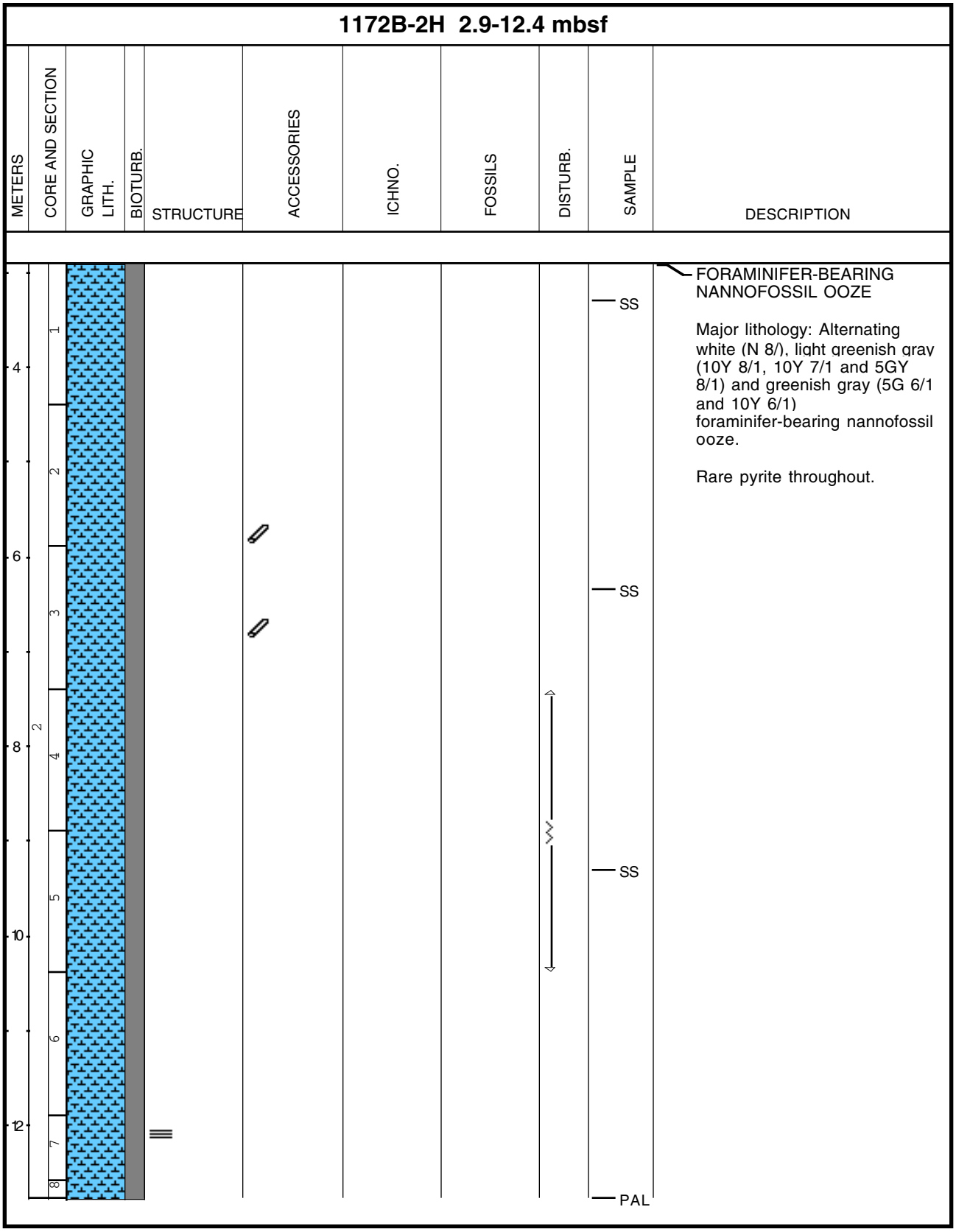
Core Photo


1172A-56X 518-522.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
SS
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Very dark gray (5Y 3/1) nannofossil-bearing claystone.
Lenses and burrows occur throughout.
Big pyrite nodules, 33-35 cm.

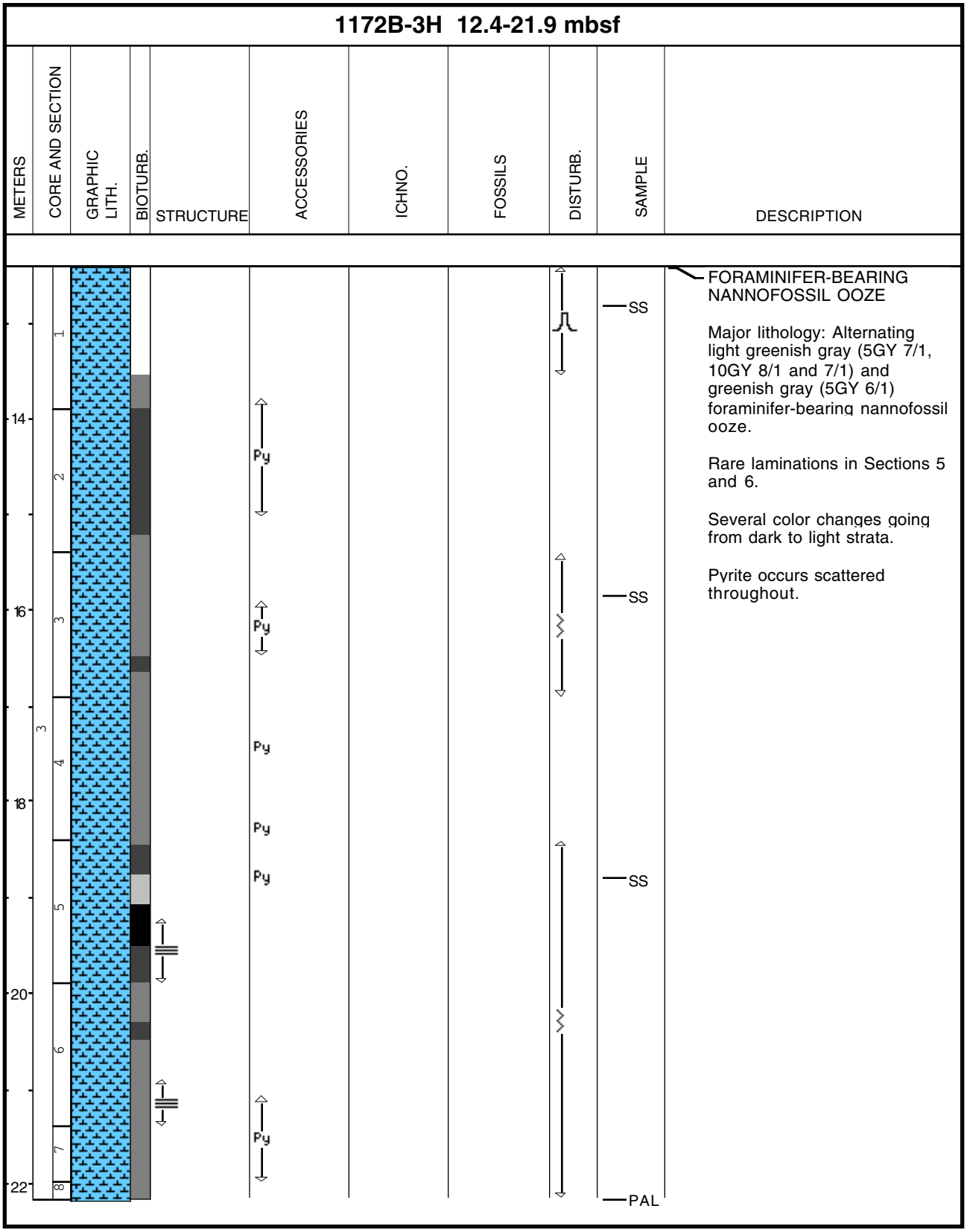
Core Photo


1172B-1H 0-2.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
2
1
2
3
Py
SS
SS
PAL
NANNOFOSSIL FORAMINIFER OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Light gray (2.5Y 7/1) and light greenish gray (10Y 7/1 and 10Y 7/1) nannofossil foraminifer ooze to foraminifer-bearing nannofossil ooze from Section 2, 40 cm.

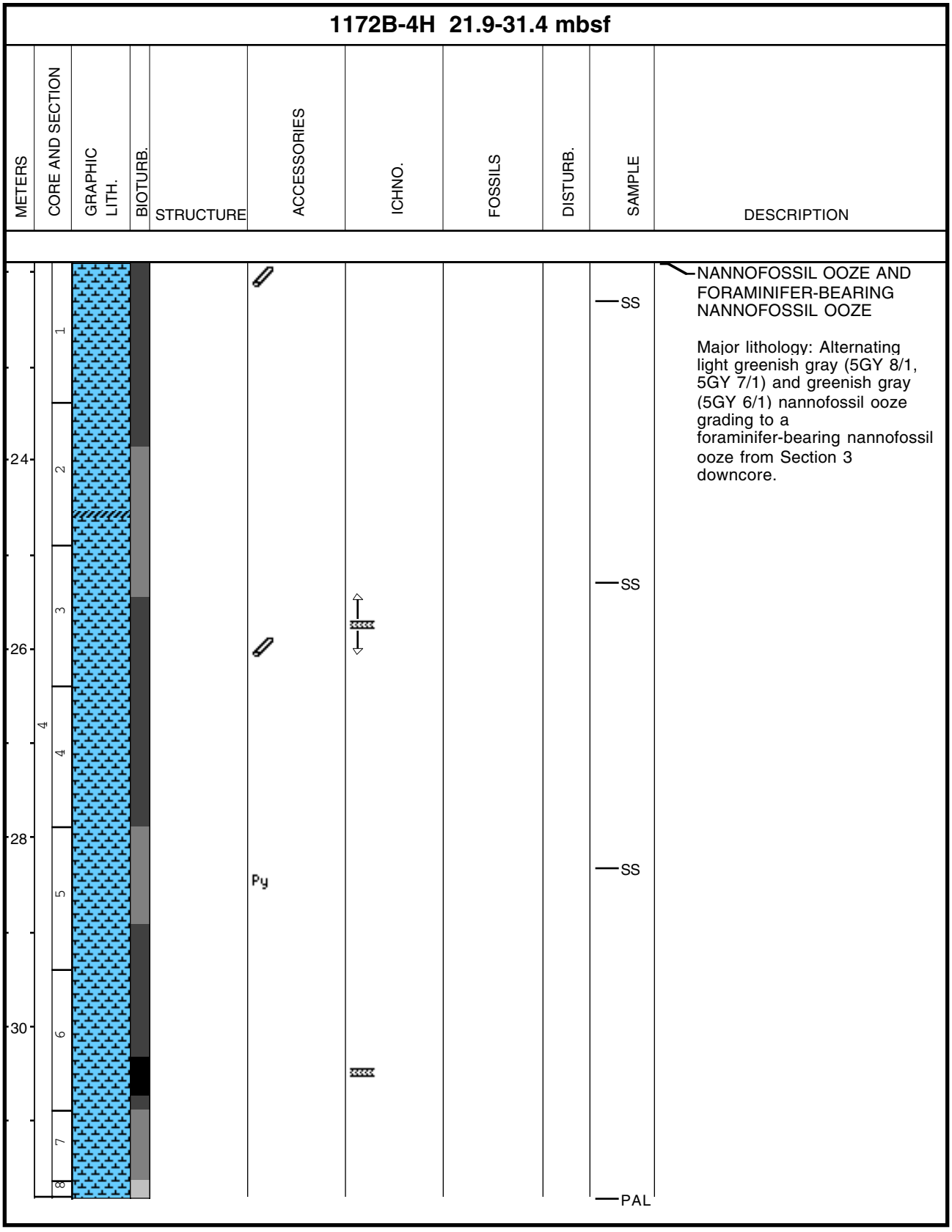
Core Photo


1172B-2H 2.9-12.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
4
6
8
10
12
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Alternating white (N 8/), light greenish gray (10Y 8/1, 10Y 7/1 and 5GY 8/1) and greenish gray (5G 6/1 and 10Y 6/1) foraminifer-bearing nannofossil ooze.
Rare pyrite throughout.

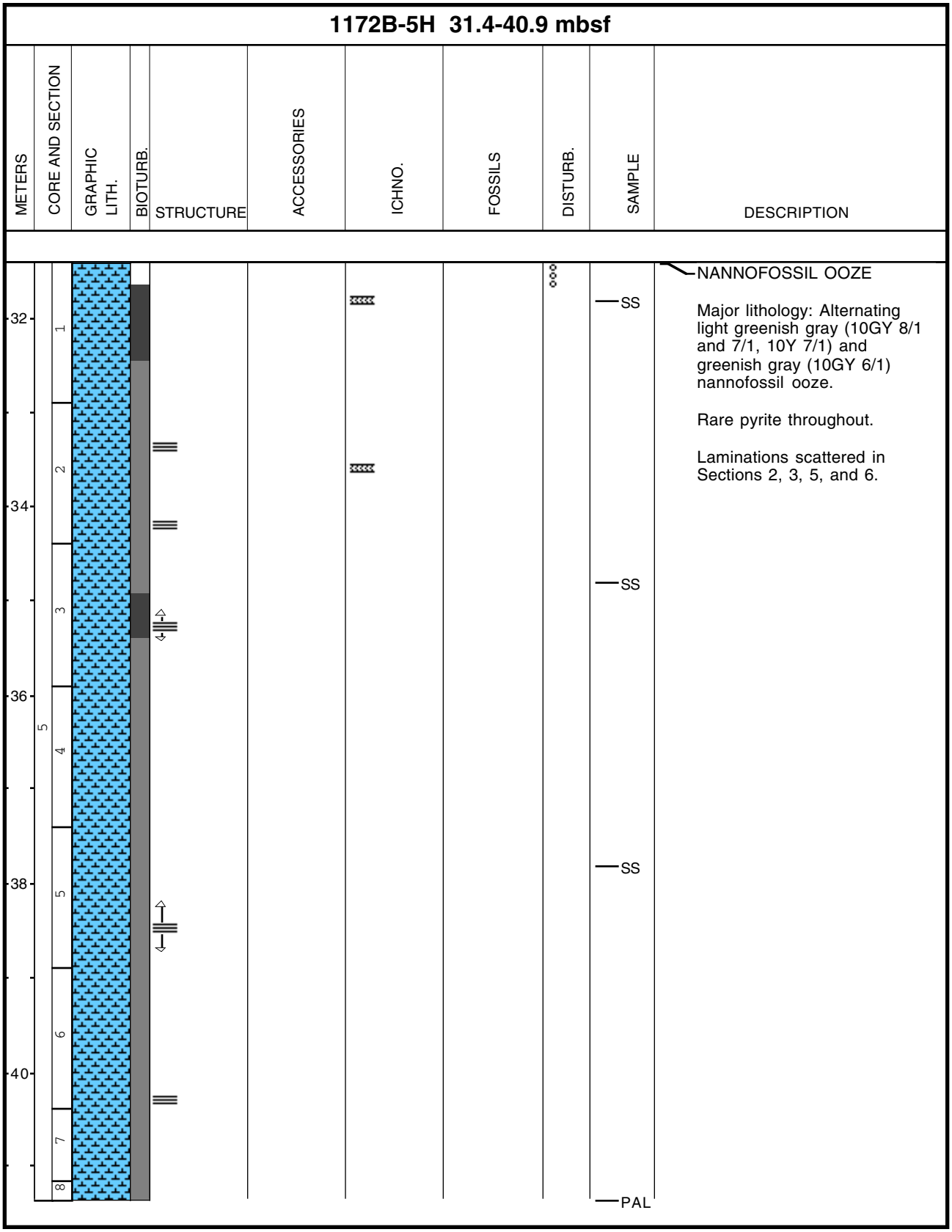
Core Photo


1172B-3H 12.4-21.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
14
16
18
20
22
3
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Alternating light greenish gray (5GY 7/1, 10GY 8/1 and 7/1) and greenish gray (5GY 6/1) foraminifer-bearing nannofossil ooze.
Rare laminations in Sections 5 and 6.
Several color changes going from dark to light strata.
Pyrite occurs scattered throughout.

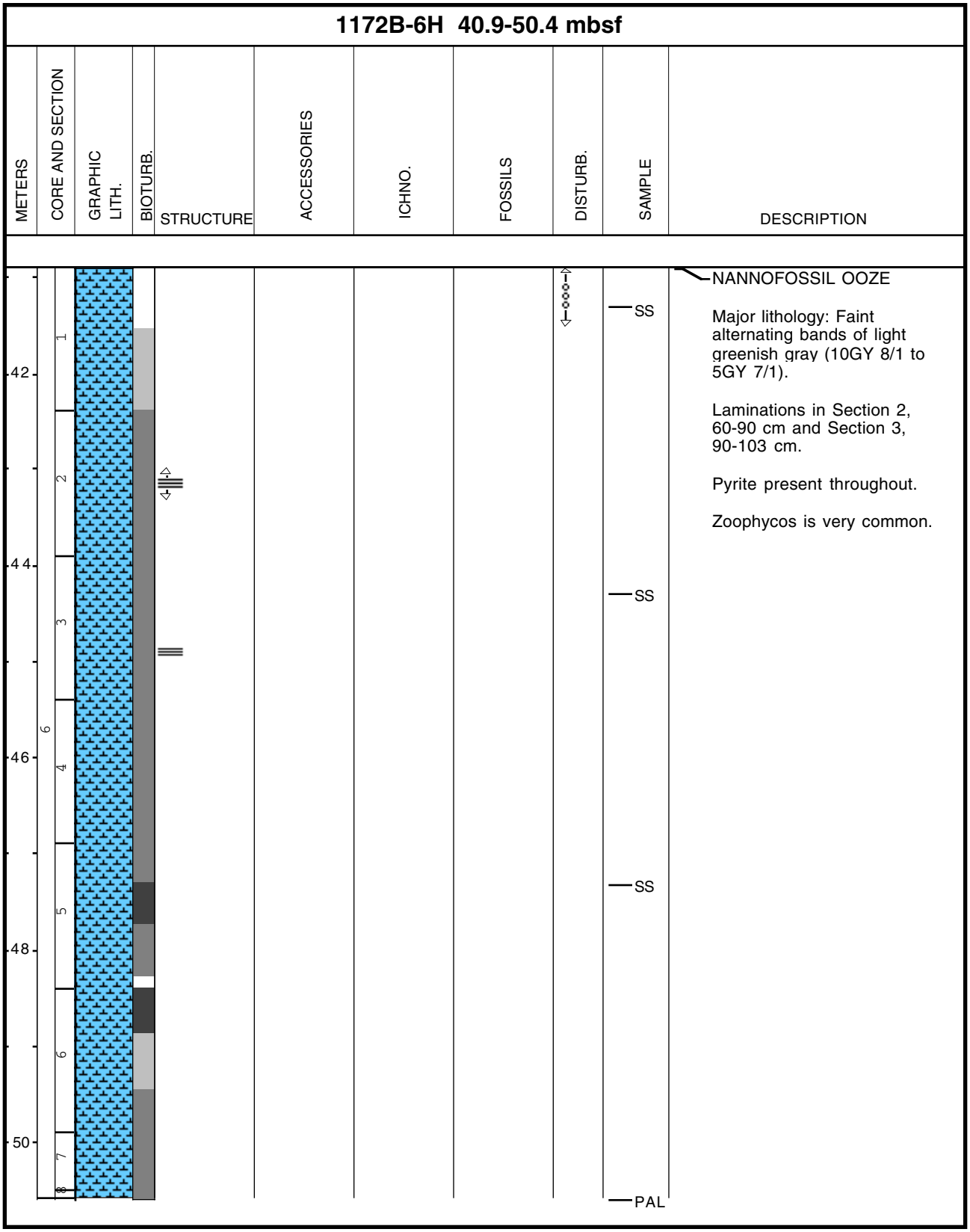
Core Photo


1172B-4H 21.9-31.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
24
26
28
30
1
2
3
4
5
6
7
8
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Alternating light greenish gray (5GY 8/1, 5GY 7/1) and greenish gray (5GY 6/1) nannofossil ooze grading to a foraminifer-bearing nannofossil ooze from Section 3 downcore.

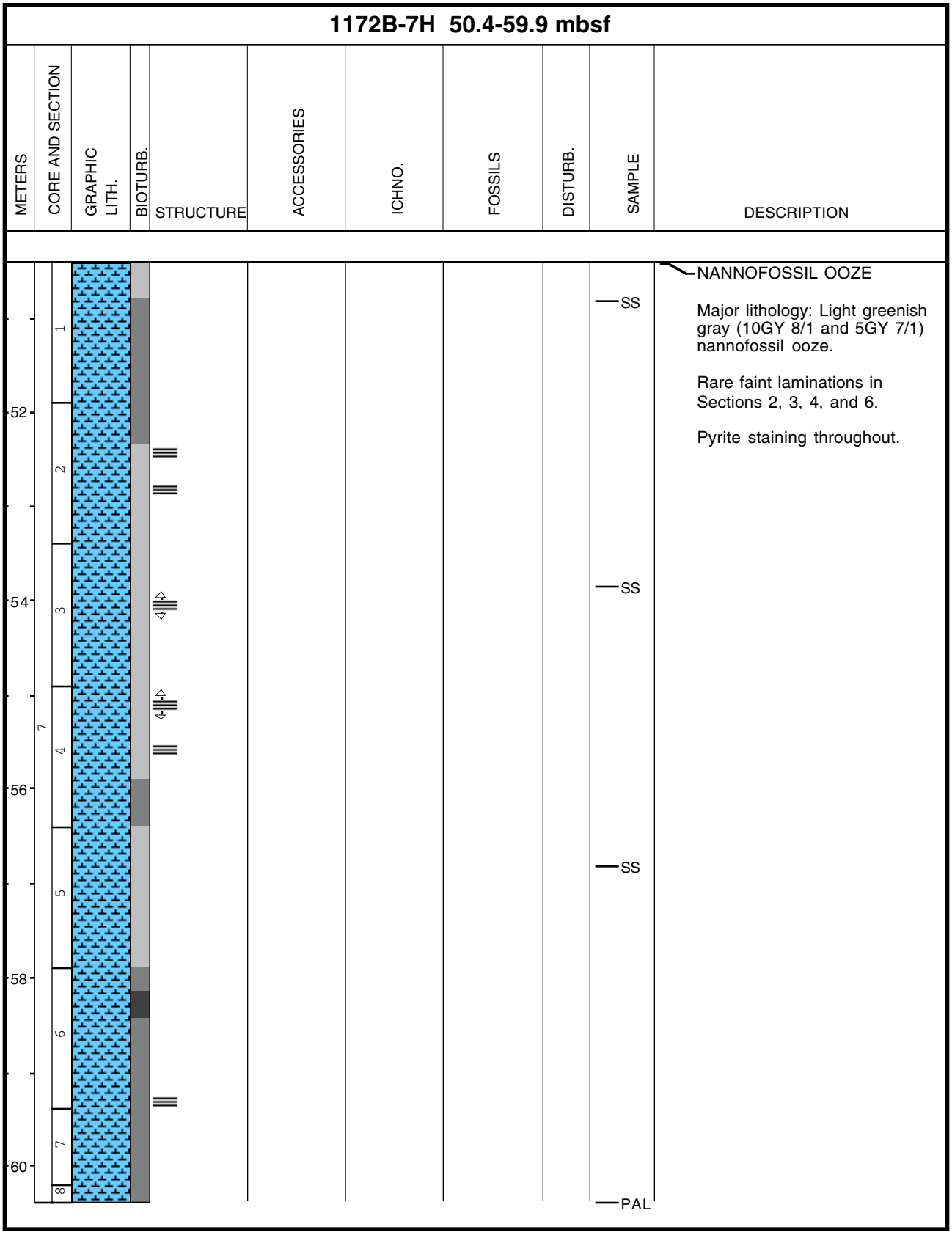
Core Photo


1172B-5H 31.4-40.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
32
34
36
38
40
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: Alternating light greenish gray (10GY 8/1 and 7/1, 10Y 7/1) and greenish gray (10GY 6/1) nannofossil ooze.
Rare pyrite throughout.
Laminations scattered in Sections 2, 3, 5, and 6.

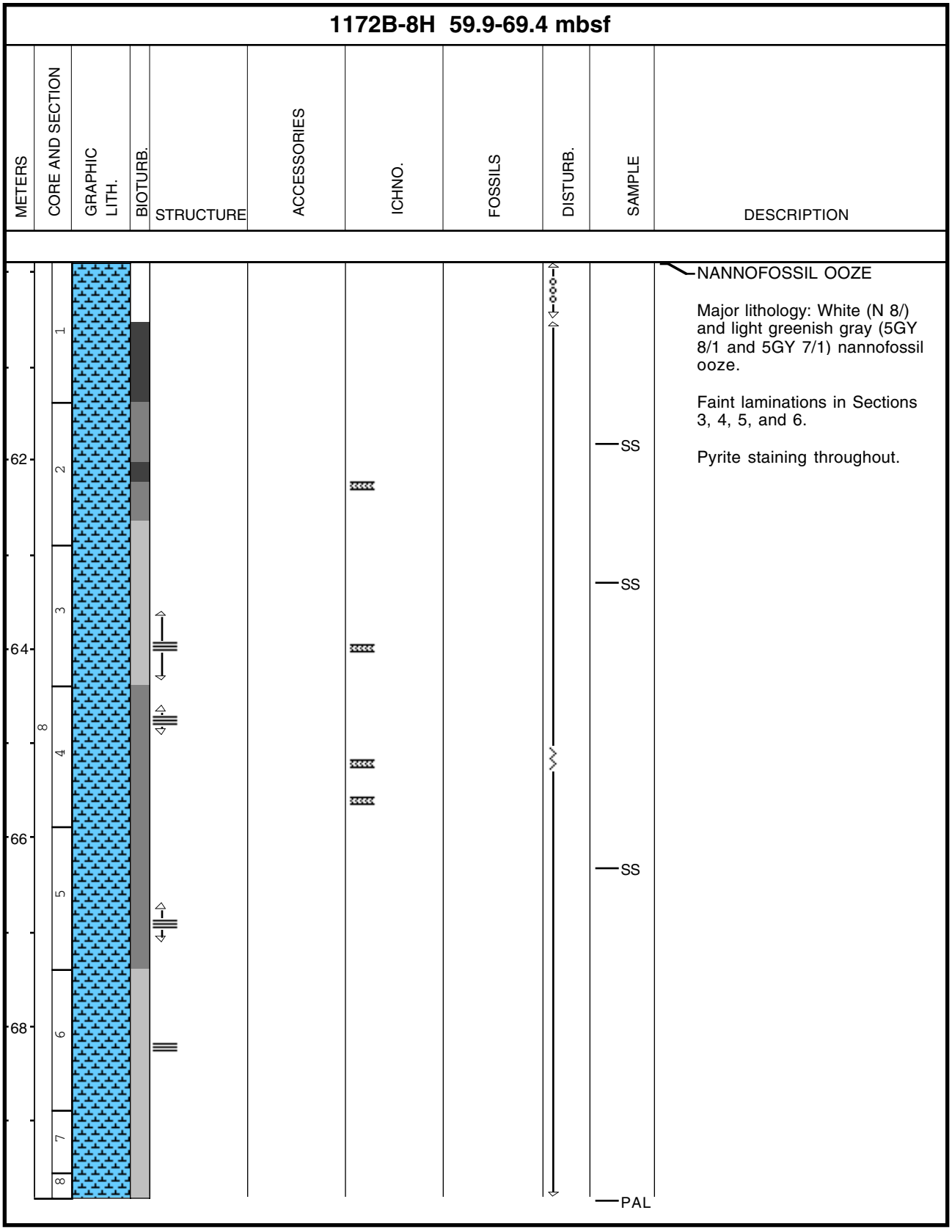
Core Photo


1172B-6H 40.9-50.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
42
44
46
48
50
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: Faint alternating bands of light greenish gray (10GY 8/1 to 5GY 7/1).
Laminations in Section 2, 60-90 cm and Section 3, 90-103 cm.
Pyrite present throughout.
Zoophycos is very common.

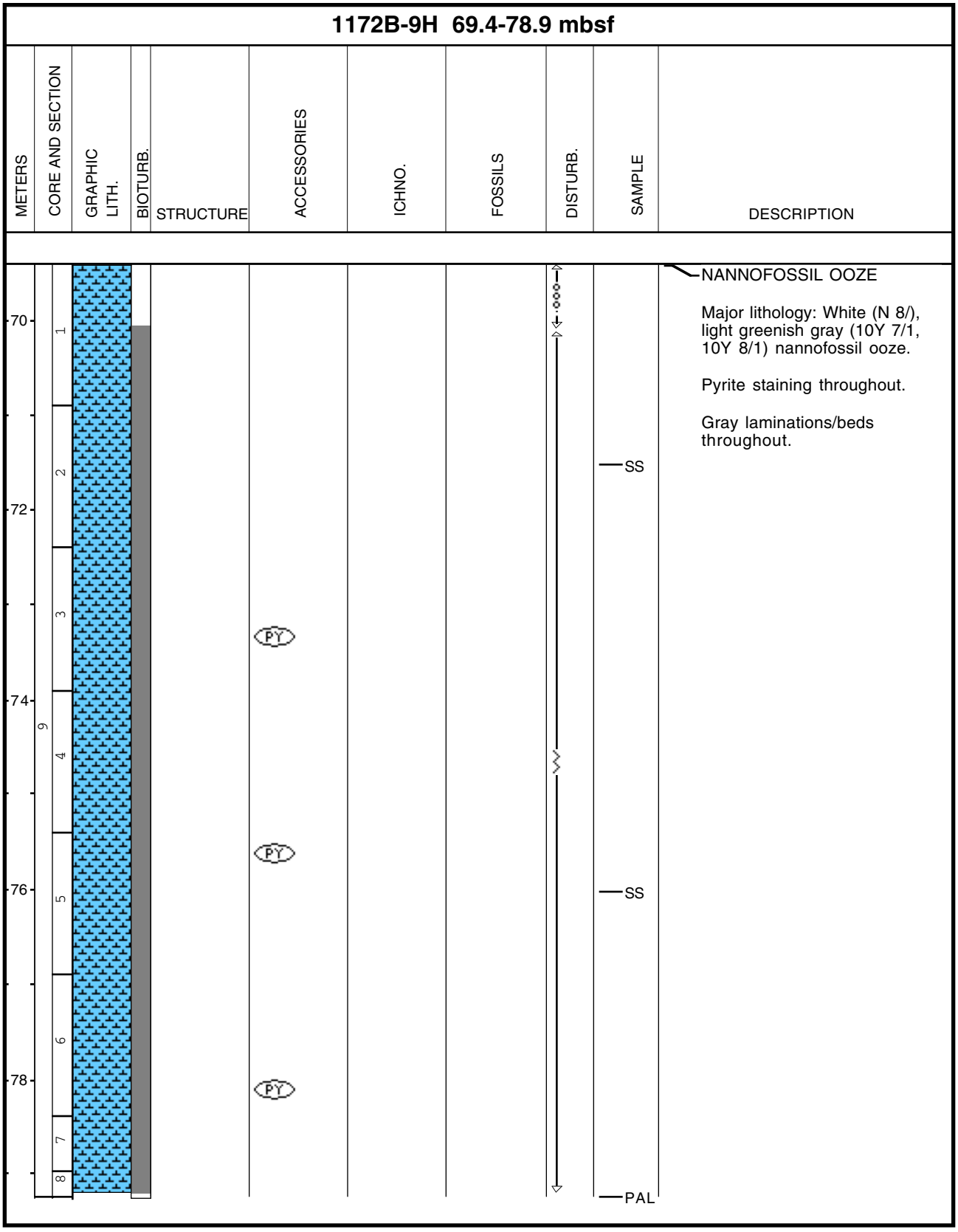
Core Photo


1172B-7H 50.4-59.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
52
54
56
58
60
7
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10GY 8/1 and 5GY 7/1) nannofossil ooze.
Rare faint laminations in Sections 2, 3, 4, and 6.
Pyrite staining throughout.

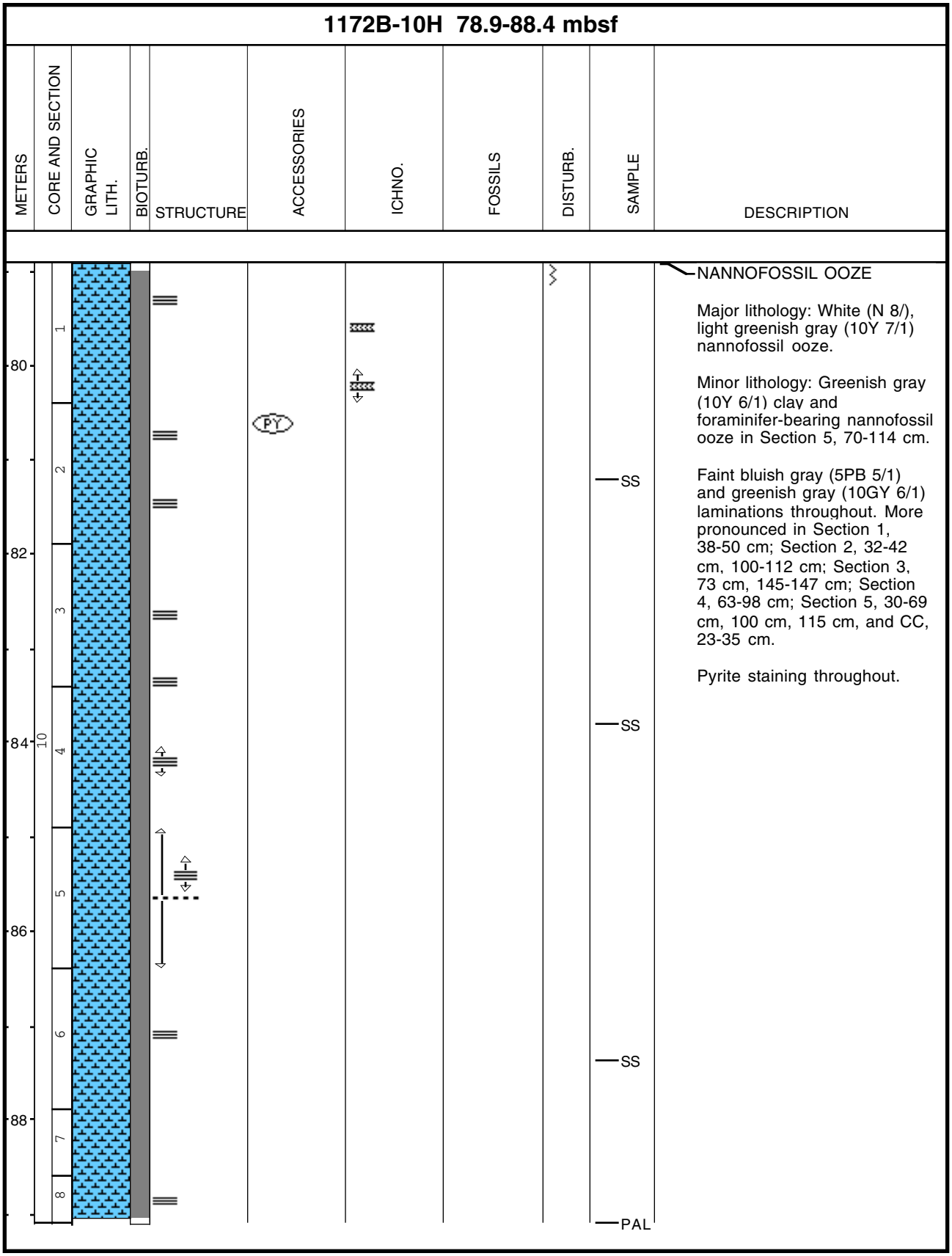
Core Photo


1172B-8H 59.9-69.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
62
64
66
68
8
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) and light greenish gray (5GY 8/1 and 5GY 7/1) nannofossil ooze.
Faint laminations in Sections 3, 4, 5, and 6.
Pyrite staining throughout.

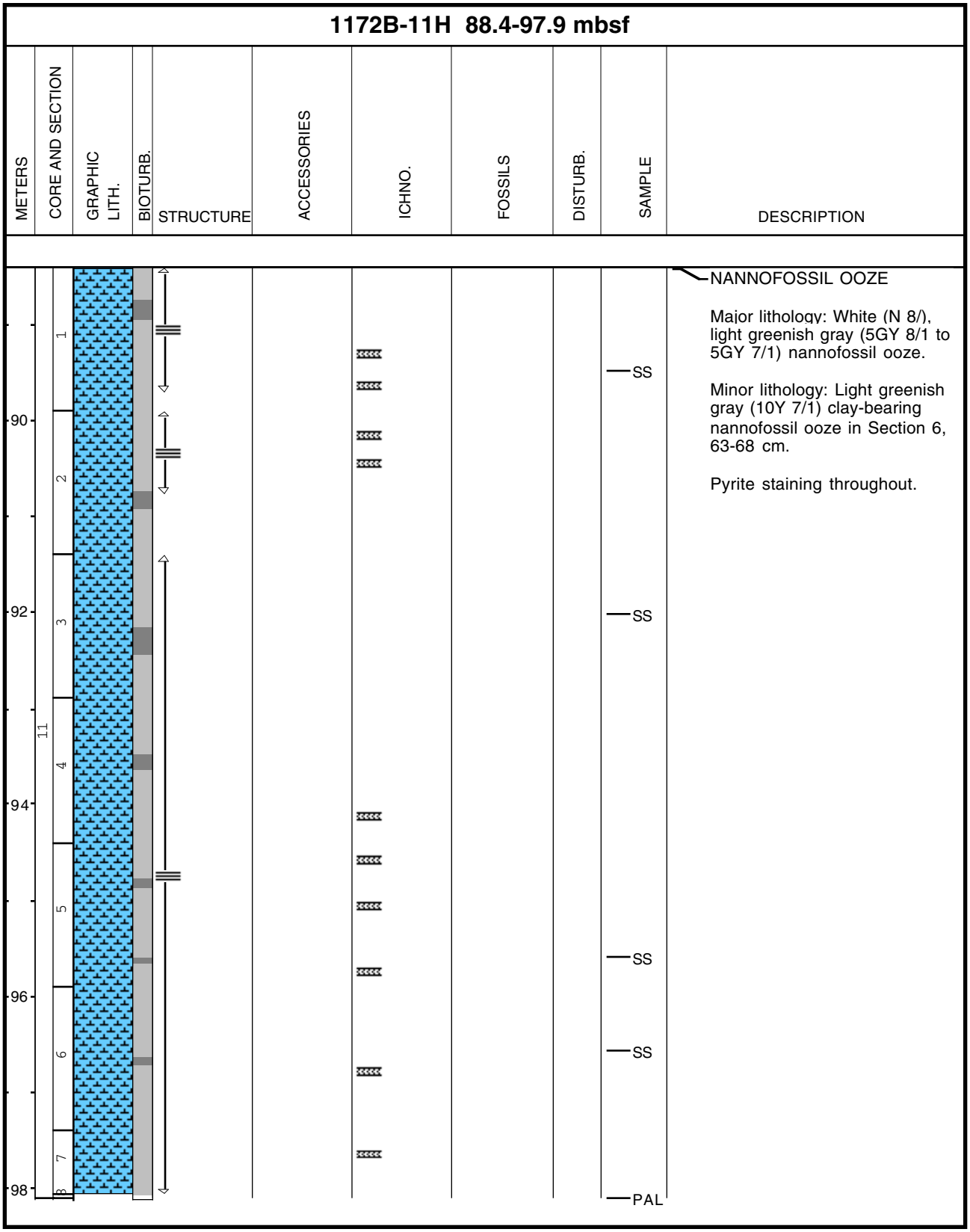
Core Photo


1172B-9H 69.4-78.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
70
72
74
76
78
1
2
3
4
5
6
7
8
9
PY
PY
PY
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (10Y 7/1, 10Y 8/1) nannofossil ooze.
Pyrite staining throughout.
Gray laminations/beds throughout.

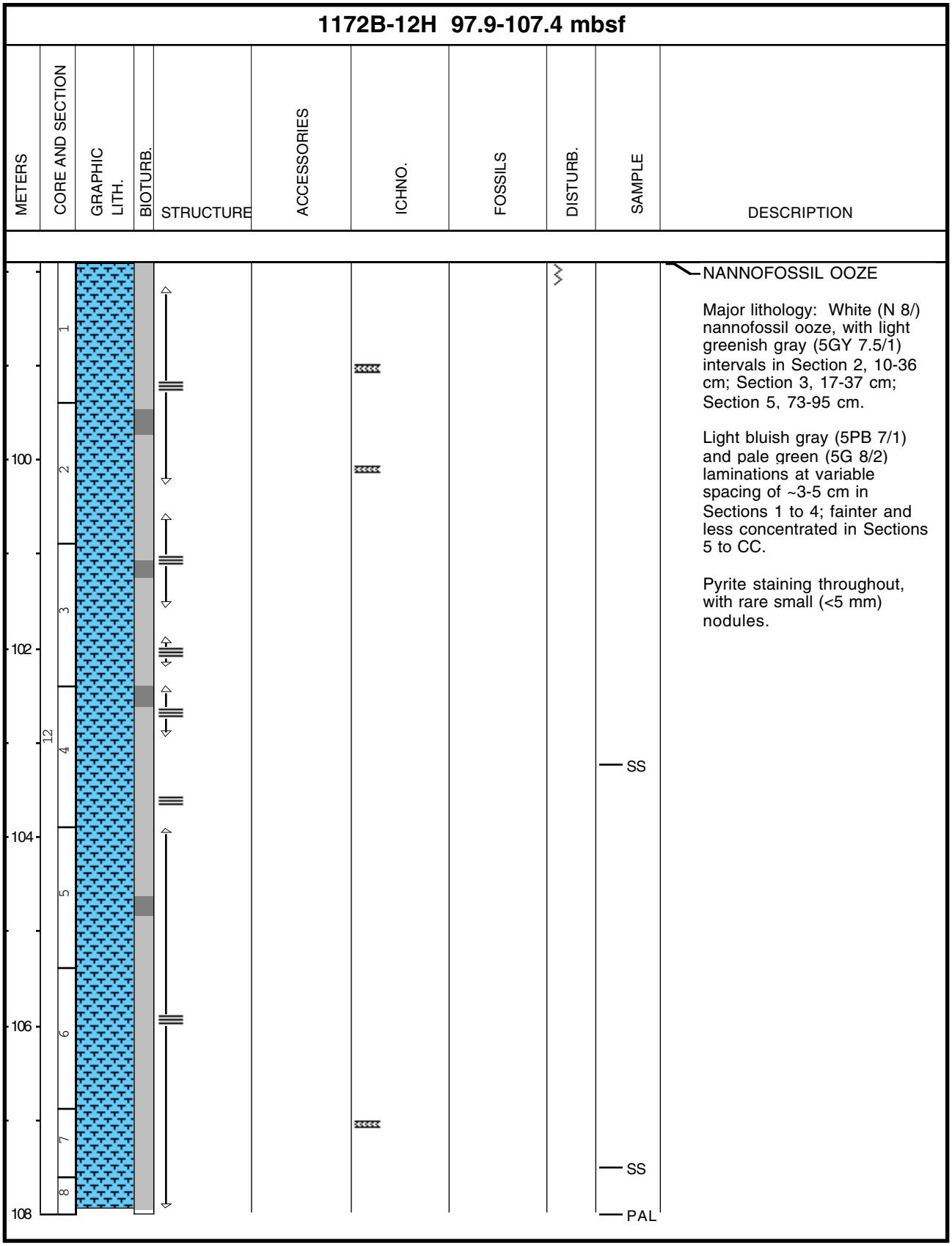
Core Photo


1172B-10H 78.9-88.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
80
82
84
86
88
10
1
2
3
4
5
6
7
8
PY
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (10Y 7/1) nannofossil ooze.
Minor lithology: Greenish gray (10Y 6/1) clay and foraminifer-bearing nannofossil ooze in Section 5, 70-114 cm.
Faint bluish gray (5PB 5/1) and greenish gray (10GY 6/1) laminations throughout. More pronounced in Section 1, 38-50 cm; Section 2, 32-42 cm, 100-112 cm; Section 3, 73 cm, 145-147 cm; Section 4, 63-98 cm; Section 5, 30-69 cm, 100 cm, 115 cm, and CC, 23-35 cm.
Pyrite staining throughout.

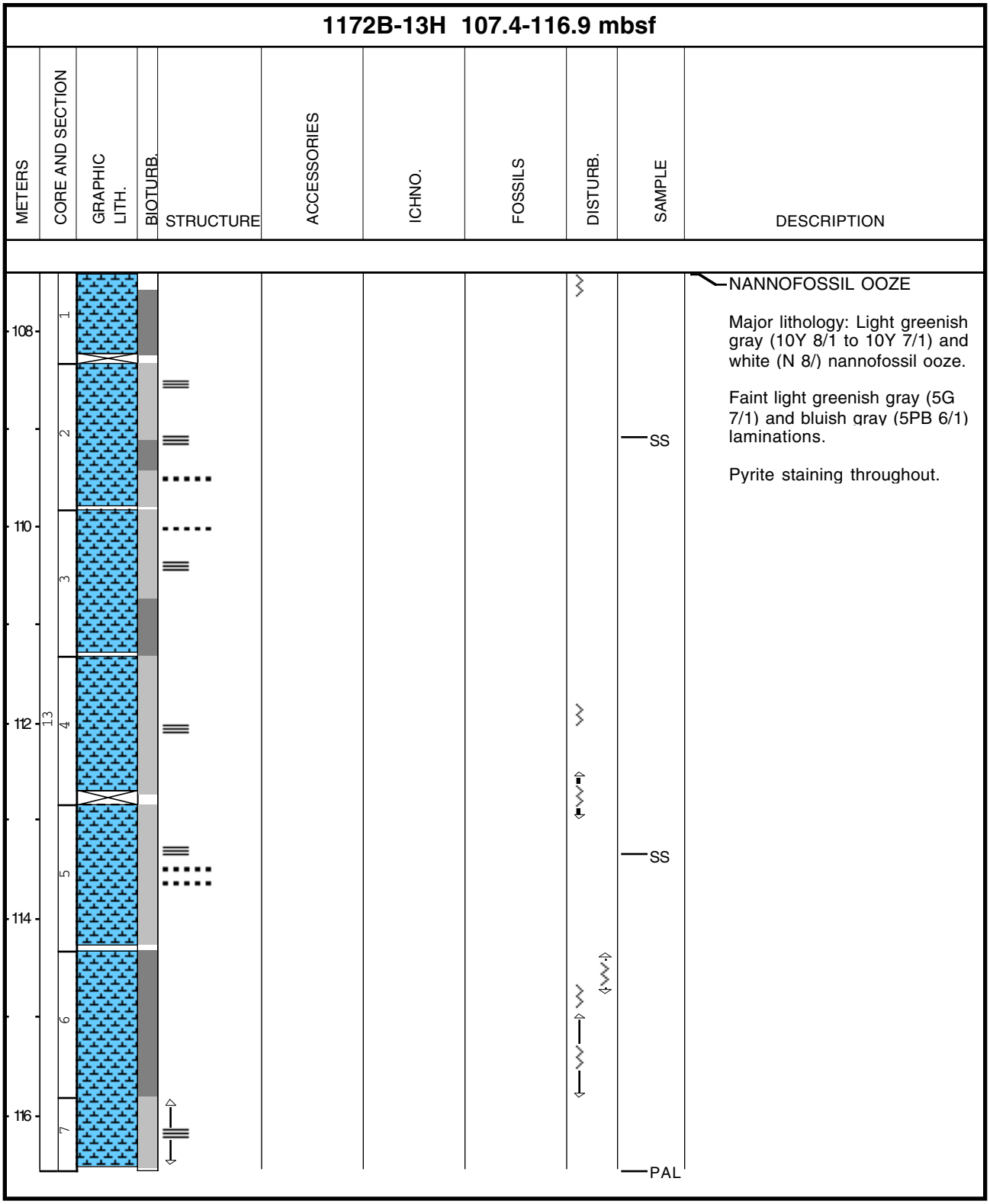
Core Photo


1172B-11H 88.4-97.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
90
92
94
96
98
11
1
2
3
4
5
6
7
CC
SS
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (5GY 8/1 to 5GY 7/1) nannofossil ooze.
Minor lithology: Light greenish gray (10Y 7/1) clay-bearing nannofossil ooze in Section 6, 63-68 cm.
Pyrite staining throughout.

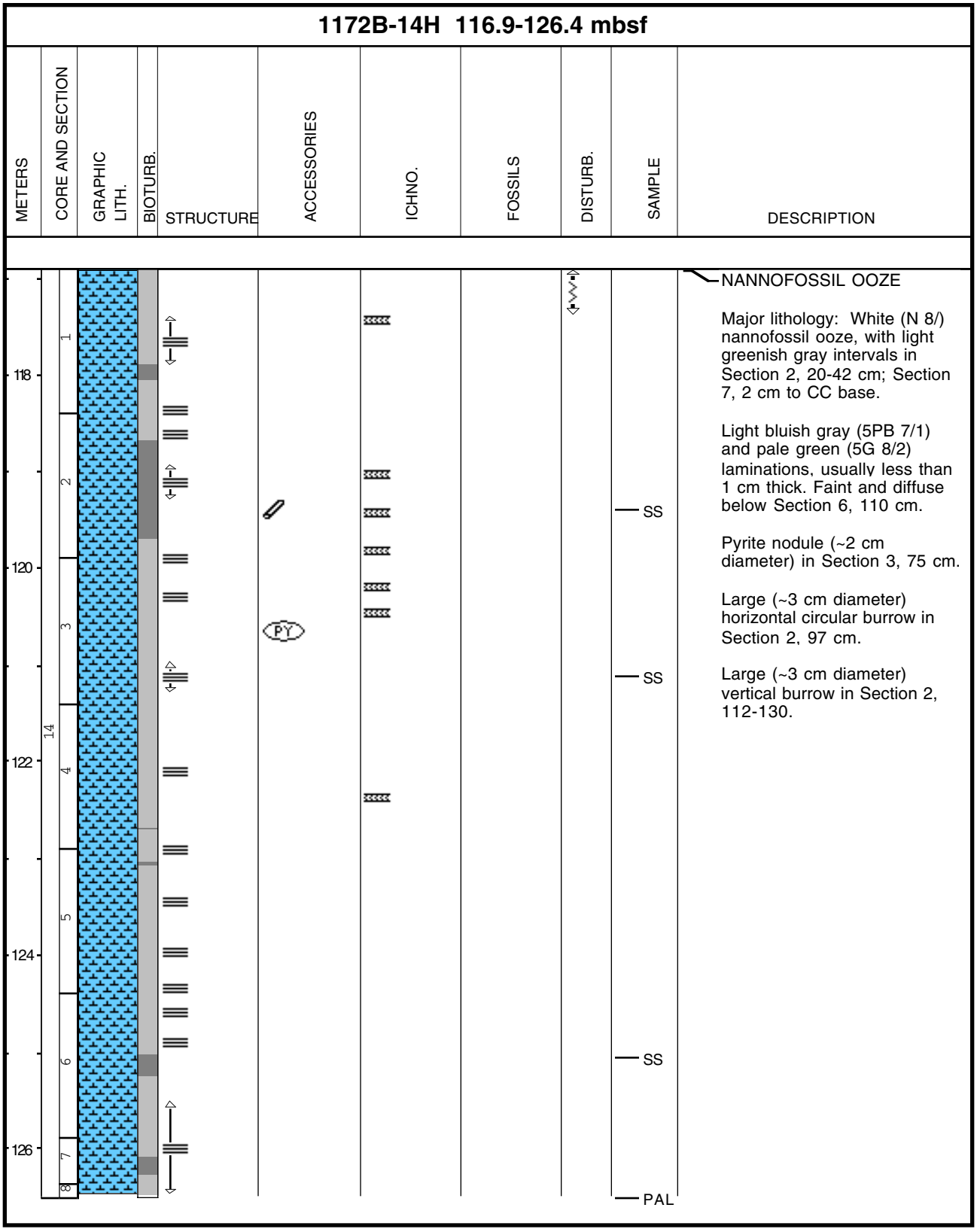
Core Photo


1172B-12H 97.9-107.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
100
102
104
106
108
12
1
2
3
4
5
6
7
8
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze, with light greenish gray (5GY 7.5/1) intervals in Section 2, 10-36 cm; Section 3, 17-37 cm; Section 5, 73-95 cm.
Light bluish gray (5PB 7/1) and pale green (5G 8/2) laminations at variable spacing of ~3-5 cm in Sections 1 to 4; fainter and less concentrated in Sections 5 to CC.
Pyrite staining throughout, with rare small (<5 mm) nodules.

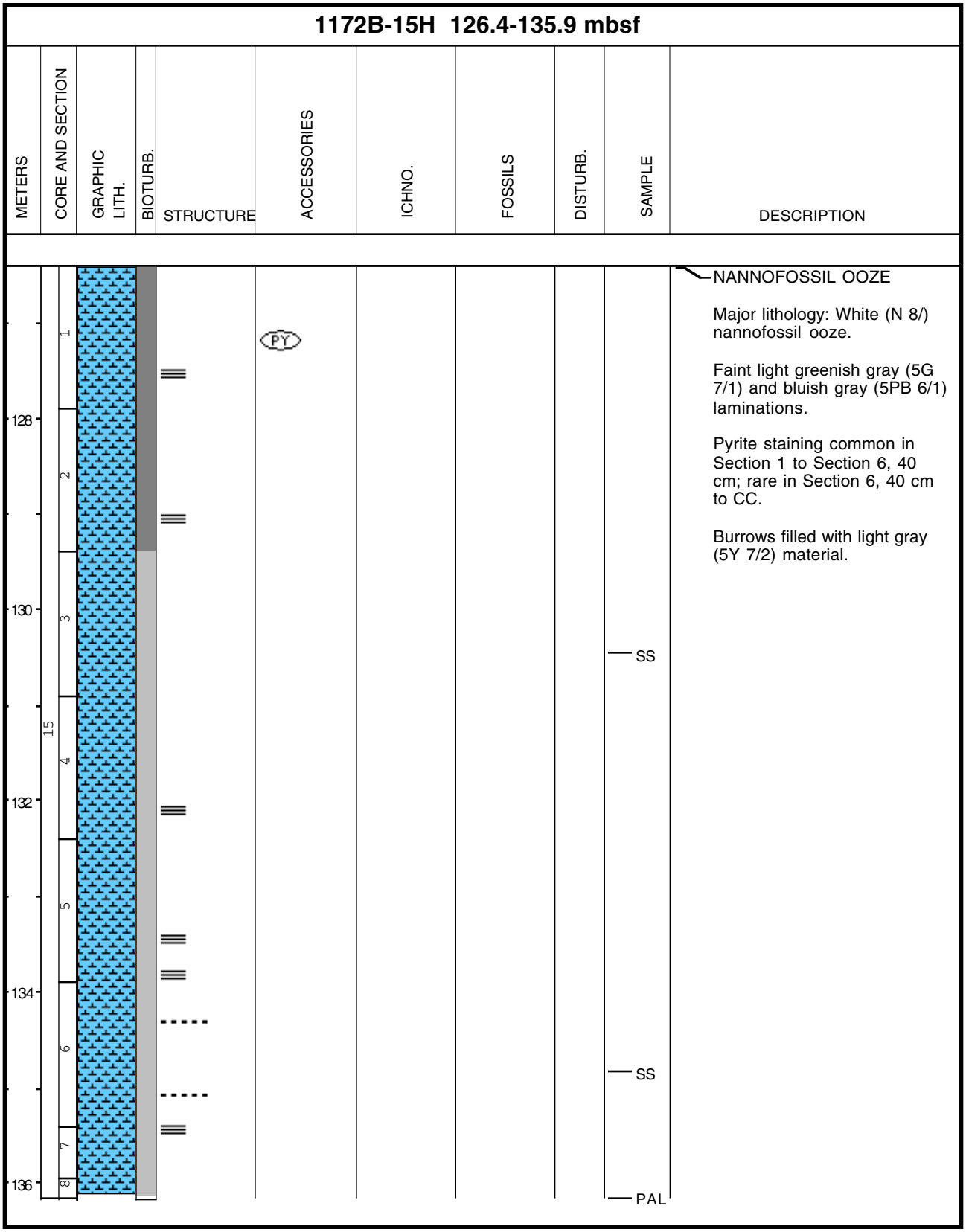
Core Photo


1172B-13H 107.4-116.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
108
110
112
114
116
13
1
2
3
4
5
6
7
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10Y 8/1 to 10Y 7/1) and white (N 8/) nannofossil ooze.
Faint light greenish gray (5G 7/1) and bluish gray (5PB 6/1) laminations.
Pyrite staining throughout.

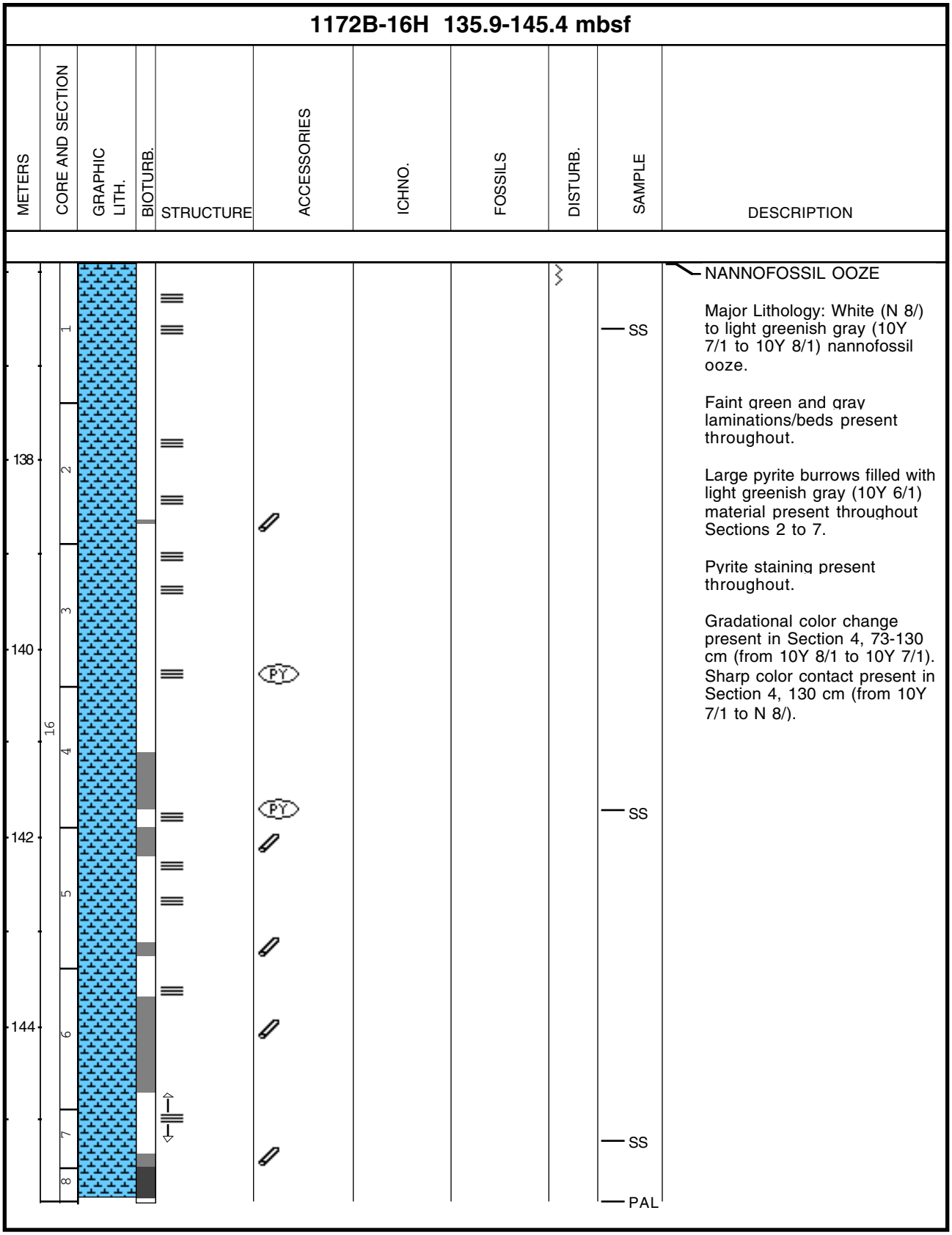
Core Photo


1172B-14H 116.9-126.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
118
120
122
124
126
14
1
2
3
4
5
6
7
8
PY
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze, with light greenish gray intervals in Section 2, 20-42 cm; Section 7, 2 cm to CC base.
Light bluish gray (5PB 7/1) and pale green (5G 8/2) laminations, usually less than 1 cm thick. Faint and diffuse below Section 6, 110 cm.
Pyrite nodule (~2 cm diameter) in Section 3, 75 cm.
Large (~3 cm diameter) horizontal circular burrow in Section 2, 97 cm.
Large (~3 cm diameter) vertical burrow in Section 2, 112-130.

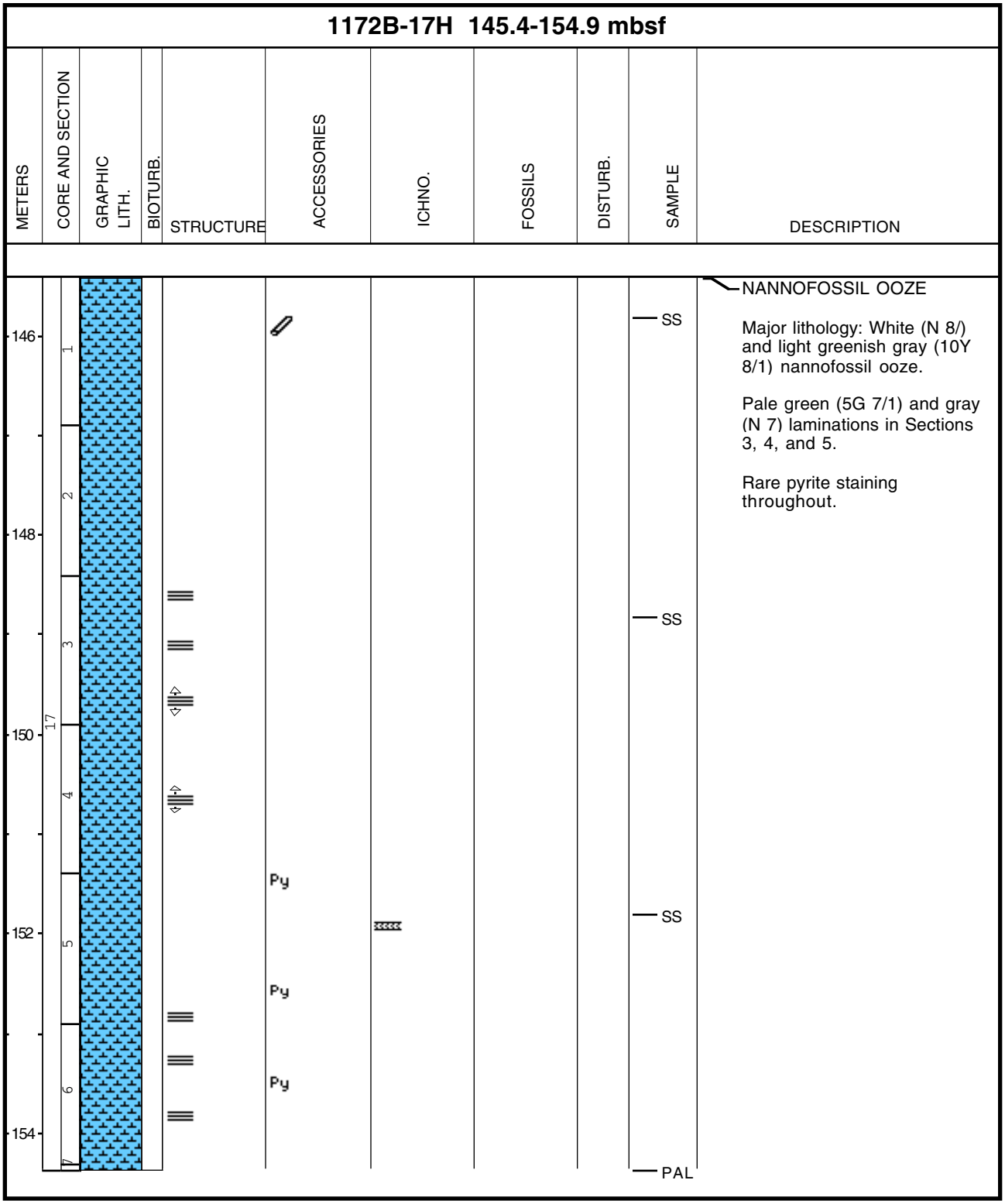
Core Photo


1172B-15H 126.4-135.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
128
130
132
134
136
15
1
2
3
4
5
6
7
8
PY
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Faint light greenish gray (5G 7/1) and bluish gray (5PB 6/1) laminations.
Pyrite staining common in Section 1 to Section 6, 40 cm; rare in Section 6, 40 cm to CC.
Burrows filled with light gray (5Y 7/2) material.

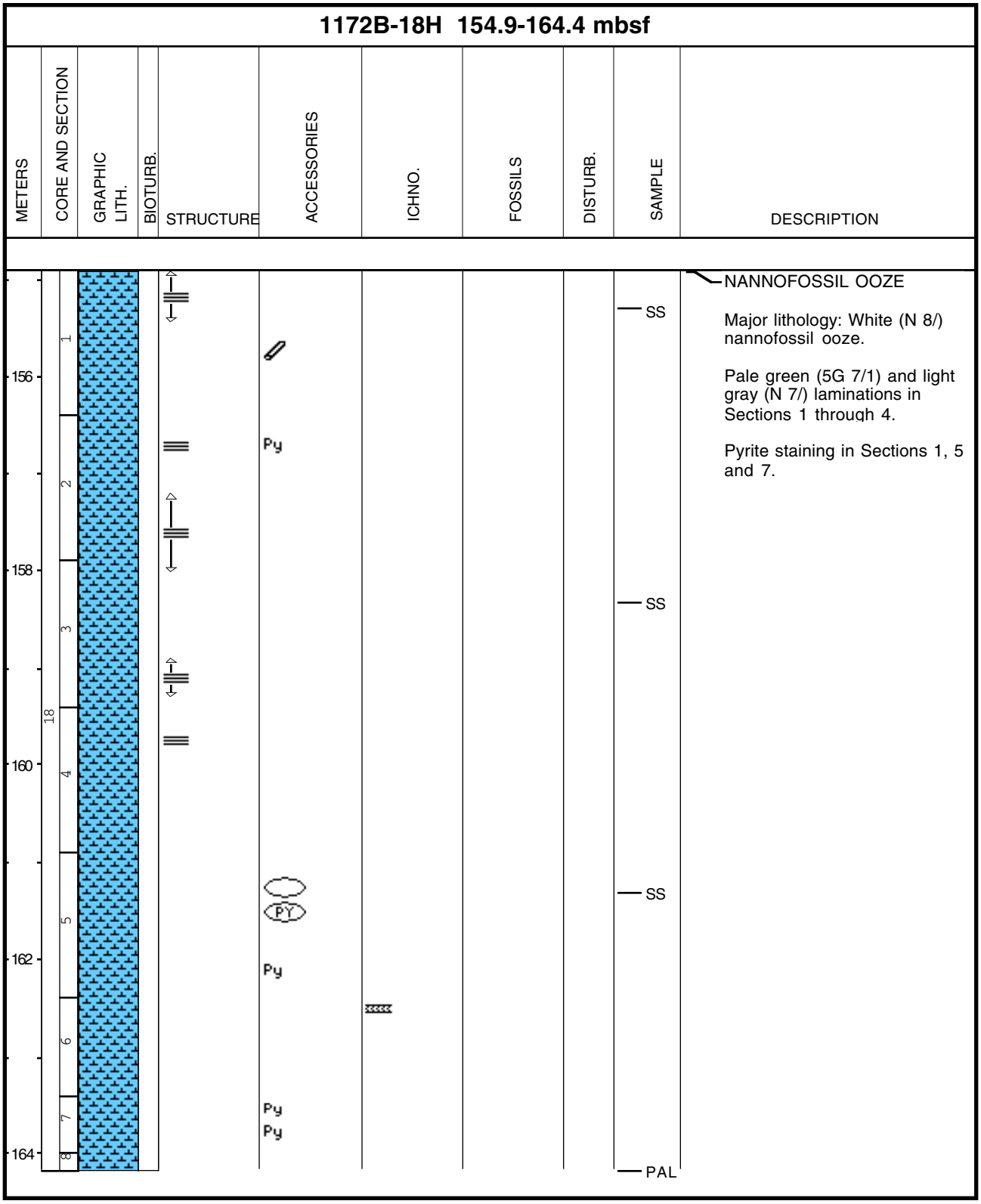
Core Photo


1172B-16H 135.9-145.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
138
140
142
144
16
1
2
3
4
5
6
7
8
PY
PY
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major Lithology: White (N 8/) to light greenish gray (10Y 7/1 to 10Y 8/1) nannofossil ooze.
Faint green and gray laminations/beds present throughout.
Large pyrite burrows filled with light greenish gray (10Y 6/1) material present throughout Sections 2 to 7.
Pyrite staining present throughout.
Gradational color change present in Section 4, 73-130 cm (from 10Y 8/1 to 10Y 7/1). Sharp color contact present in Section 4, 130 cm (from 10Y 7/1 to N 8/).

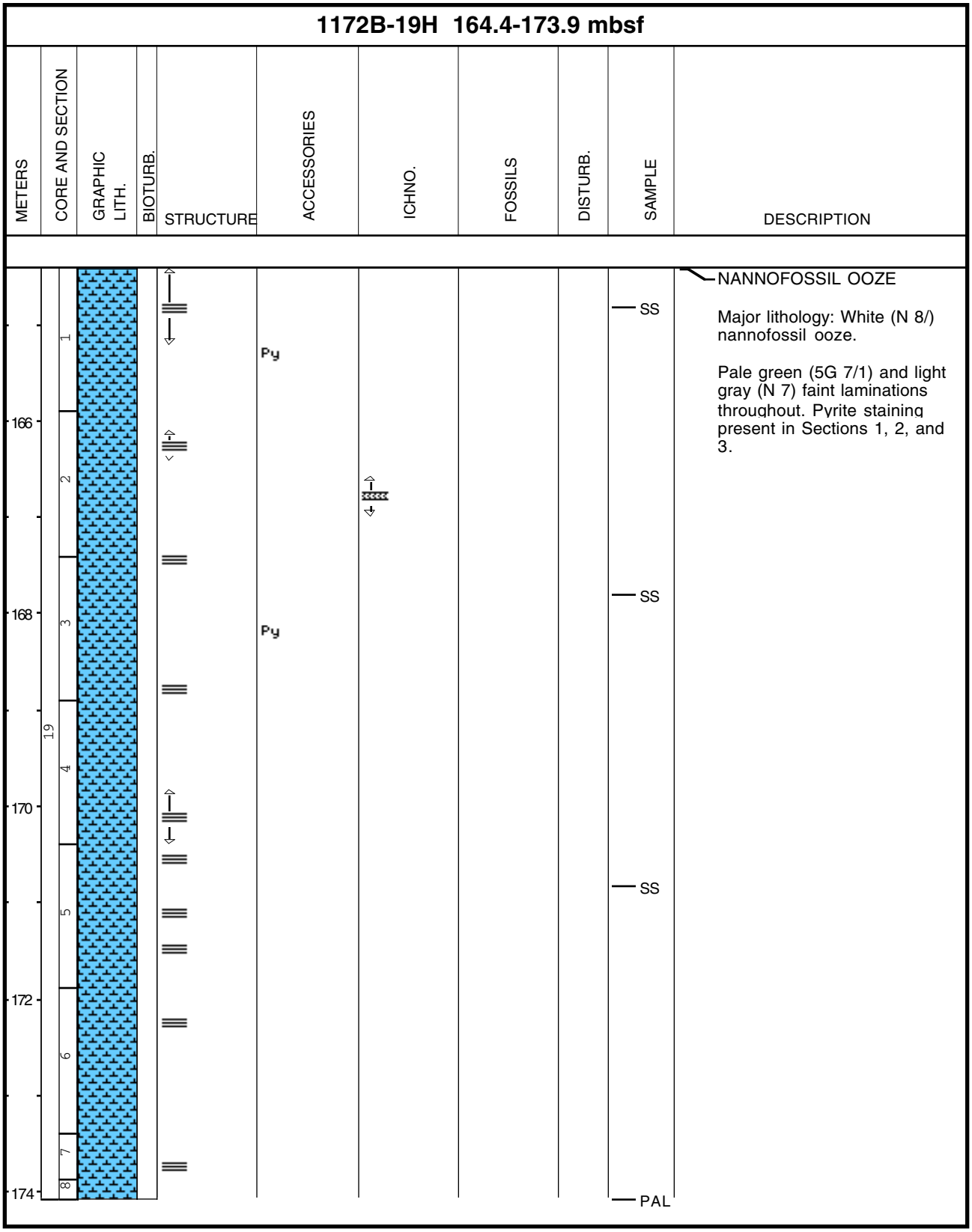
Core Photo


1172B-17H 145.4-154.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
146
148
150
152
154
17
1
2
3
4
5
6
7
Py
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) and light greenish gray (10Y 8/1) nannofossil ooze.
Pale green (5G 7/1) and gray (N 7) laminations in Sections 3, 4, and 5.
Rare pyrite staining throughout.

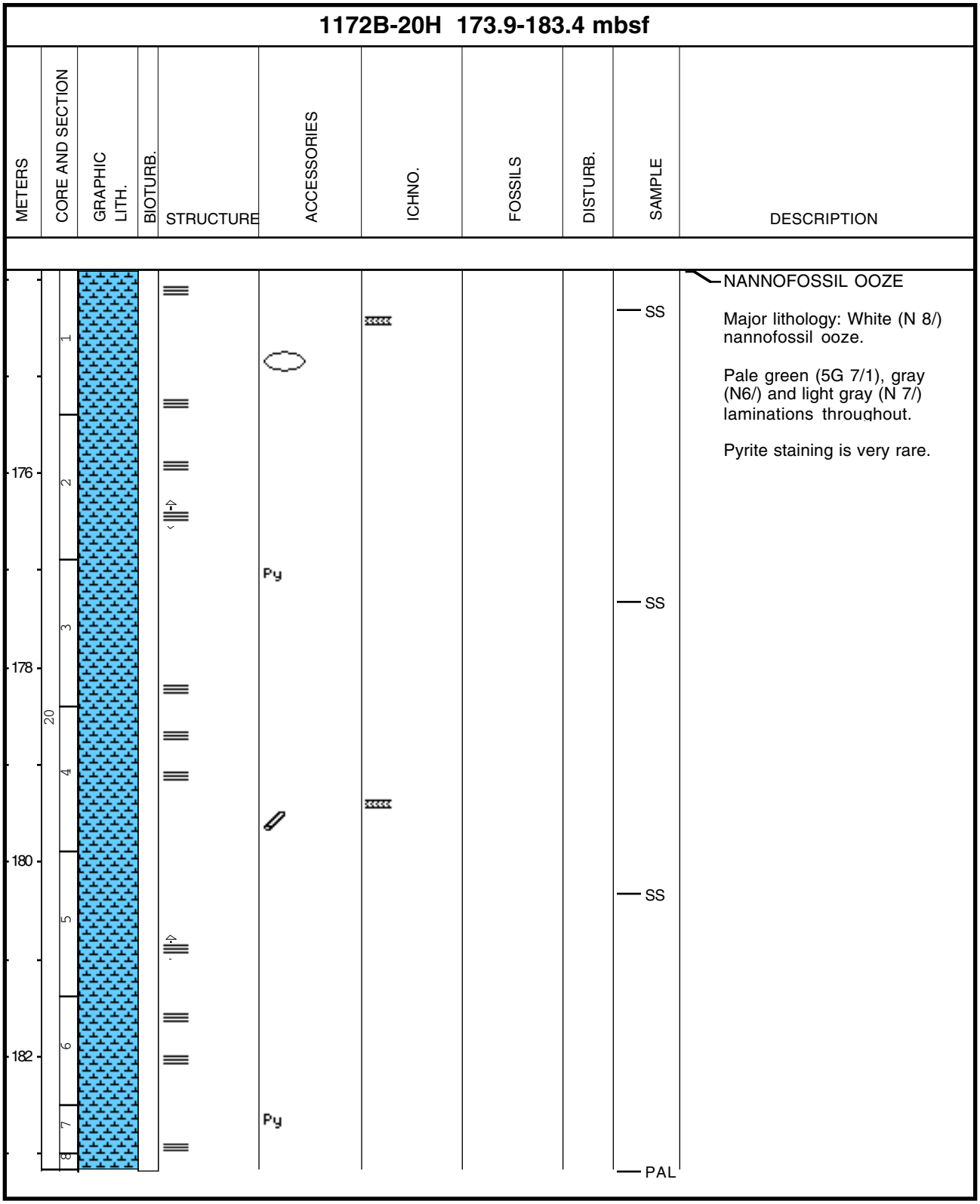
Core Photo


1172B-18H 154.9-164.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
156
158
160
162
164
18
1
2
3
4
5
6
7
8
Py
PY
Py
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Pale green (5G 7/1) and light gray (N 7/) laminations in Sections 1 through 4.
Pyrite staining in Sections 1, 5 and 7.

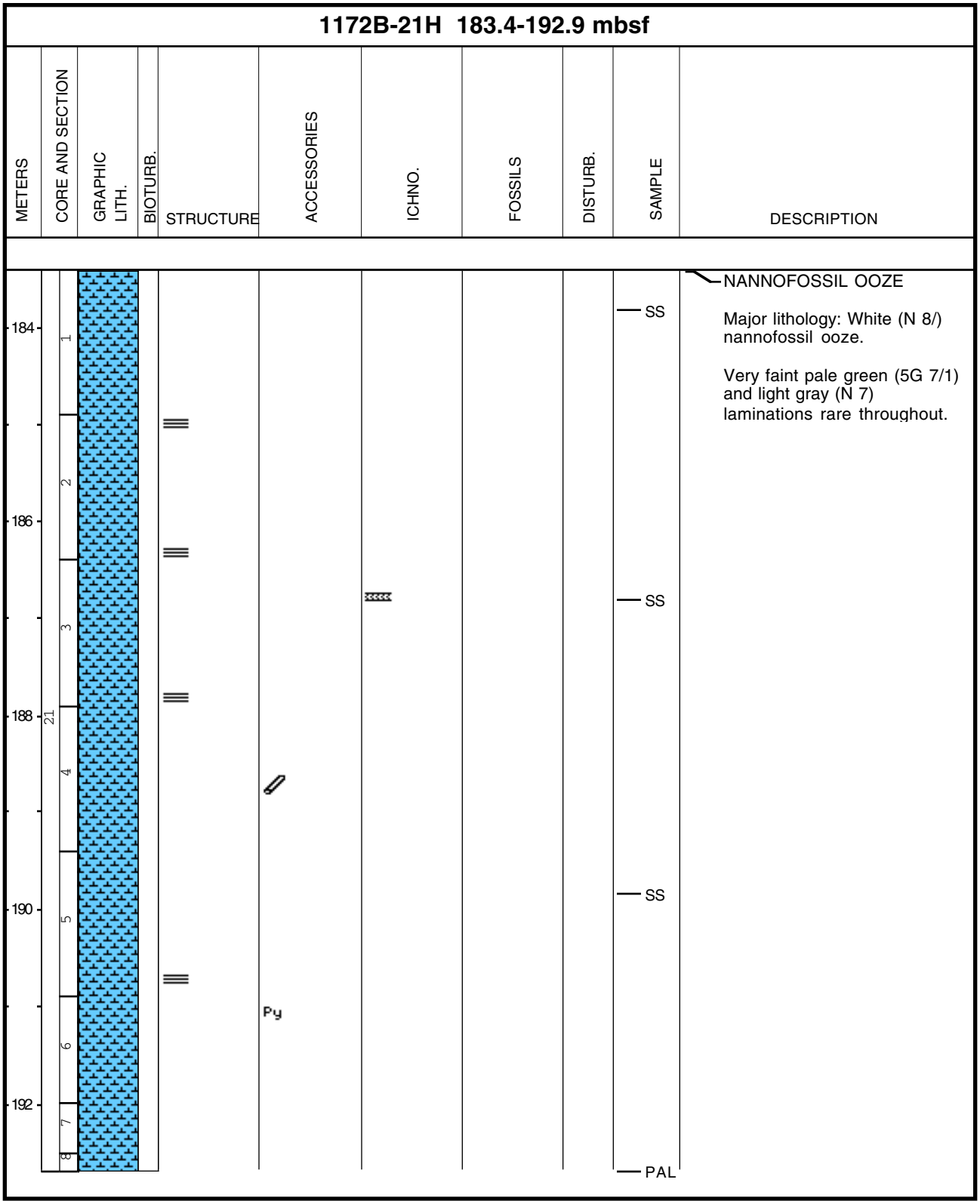
Core Photo


1172B-19H 164.4-173.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
166
168
170
172
174
19
1
2
3
4
5
6
7
8
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Pale green (5G 7/1) and light gray (N 7) faint laminations throughout. Pyrite staining present in Sections 1, 2, and 3.

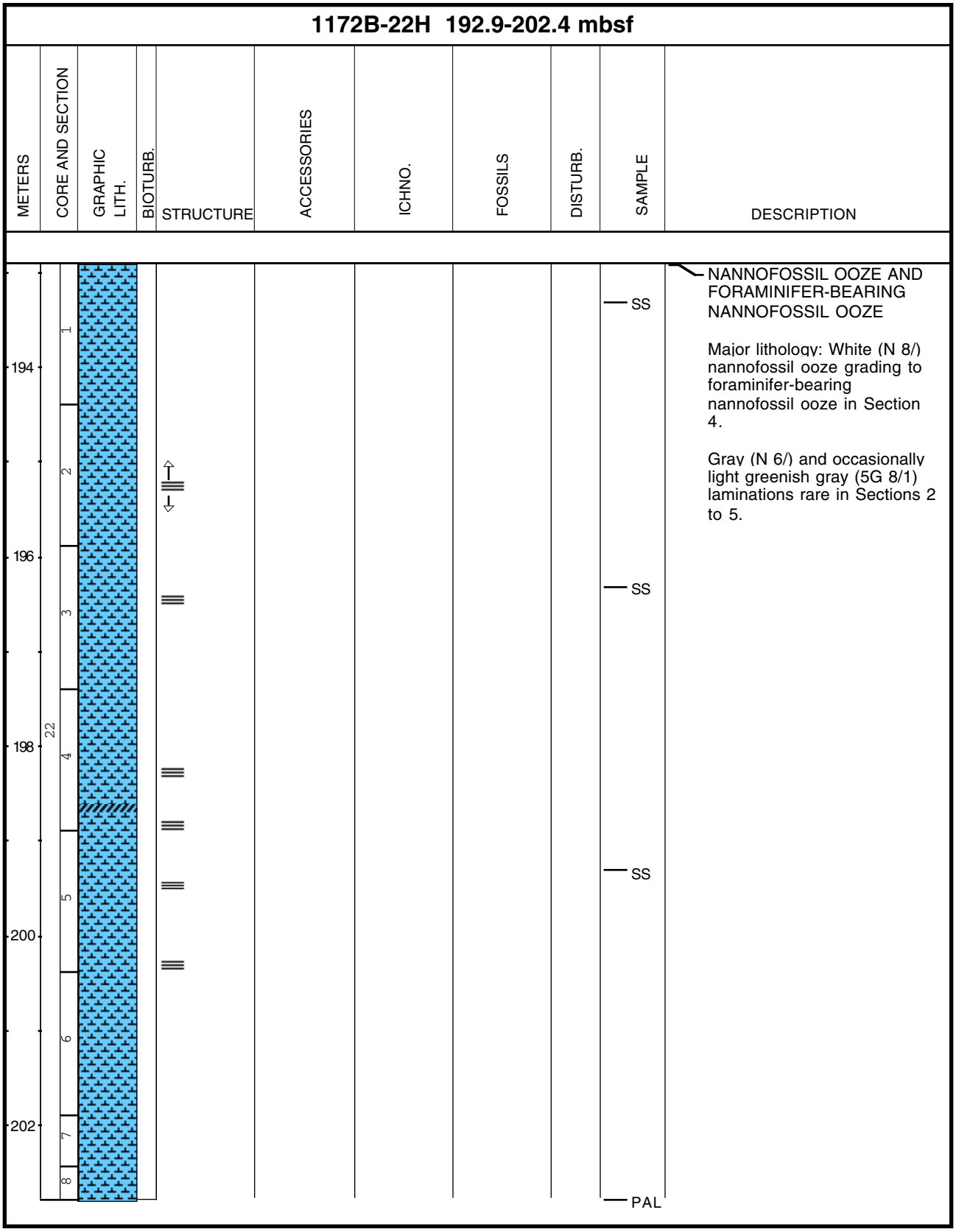
Core Photo


1172B-20H 173.9-183.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
176
178
180
182
20
1
2
3
4
5
6
7
8
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Pale green (5G 7/1), gray (N6/) and light gray (N 7/) laminations throughout.
Pyrite staining is very rare.

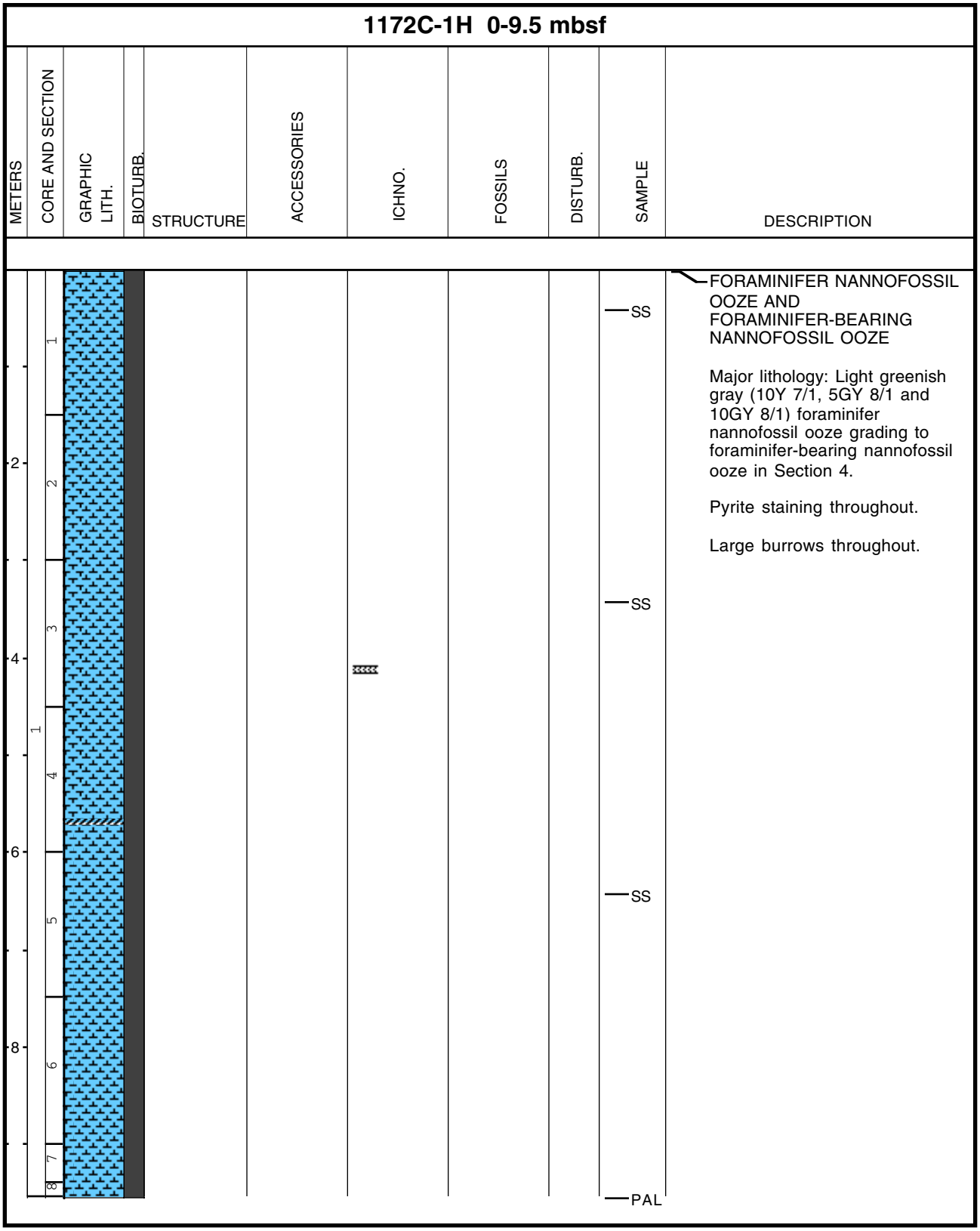
Core Photo


1172B-21H 183.4-192.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
184
186
188
190
192
21
1
2
3
4
5
6
7
8
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Very faint pale green (5G 7/1) and light gray (N 7) laminations rare throughout.

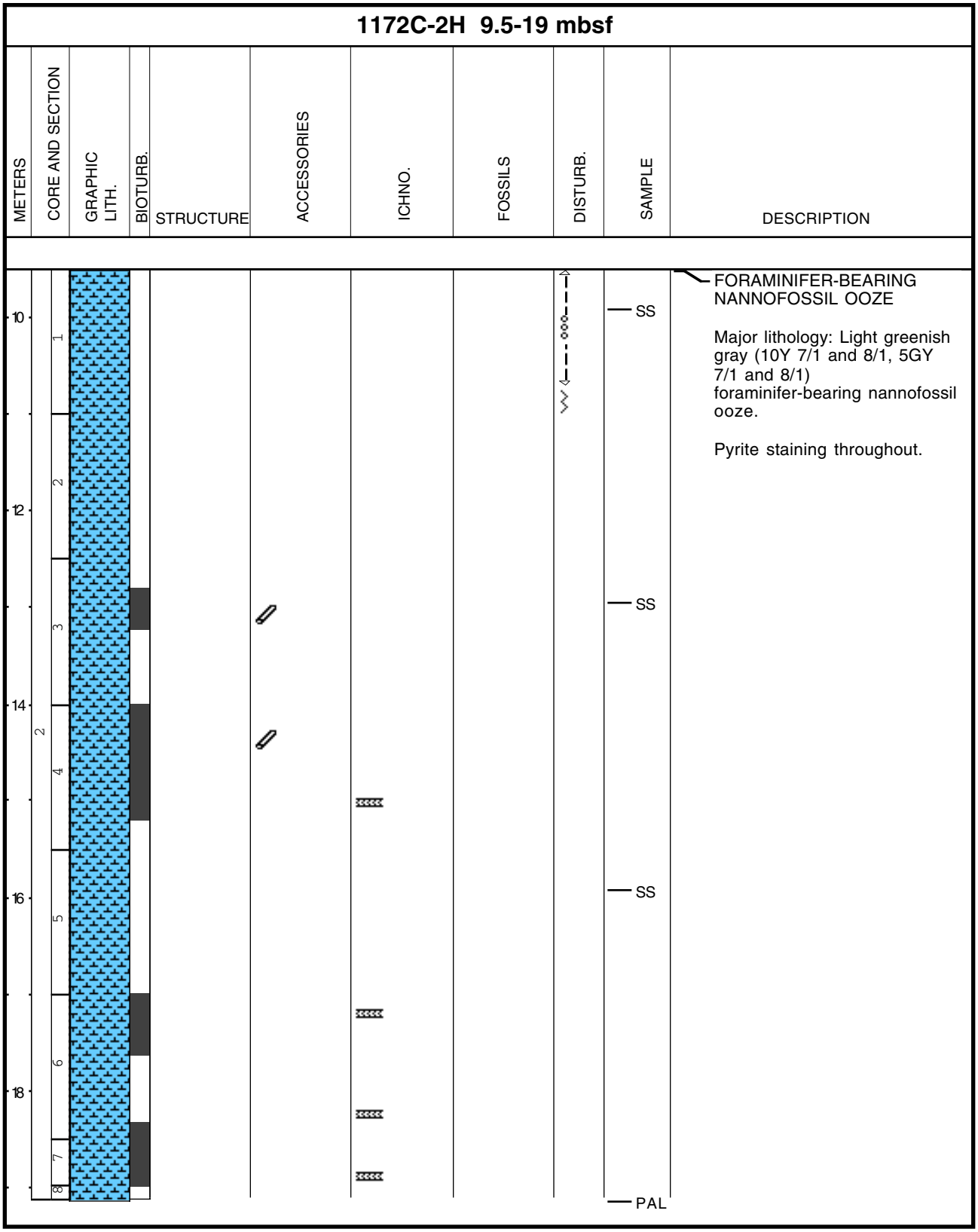
Core Photo


1172B-22H 192.9-202.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
194
196
198
200
202
22
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze grading to foraminifer-bearing nannofossil ooze in Section 4.
Gray (N 6/) and occasionally light greenish gray (5G 8/1) laminations rare in Sections 2 to 5.

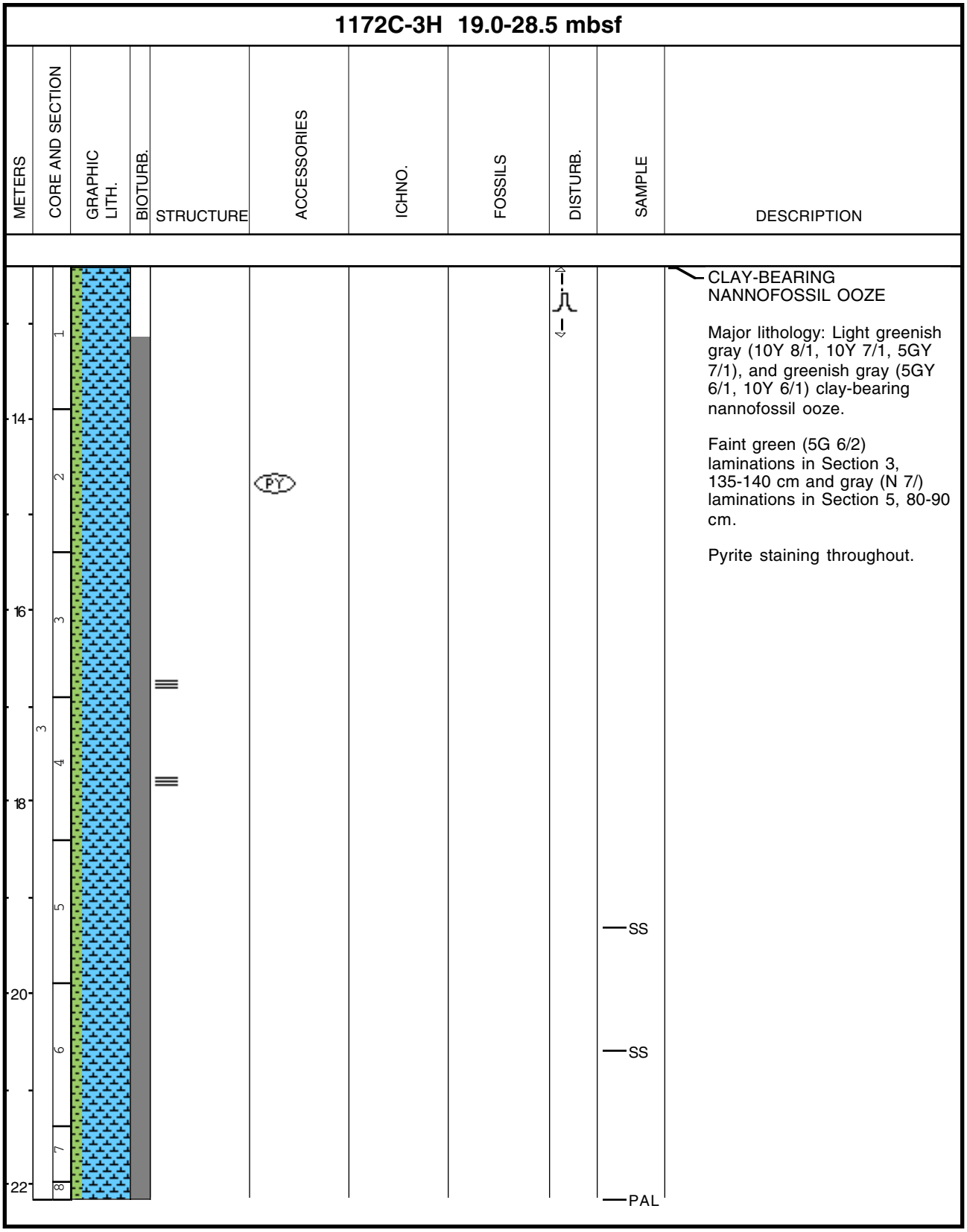
Core Photo


1172C-1H 0-9.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
2
4
6
8
SS
SS
SS
PAL
FORAMINIFER NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10Y 7/1, 5GY 8/1 and 10GY 8/1) foraminifer nannofossil ooze grading to foraminifer-bearing nannofossil ooze in Section 4.
Pyrite staining throughout.
Large burrows throughout.

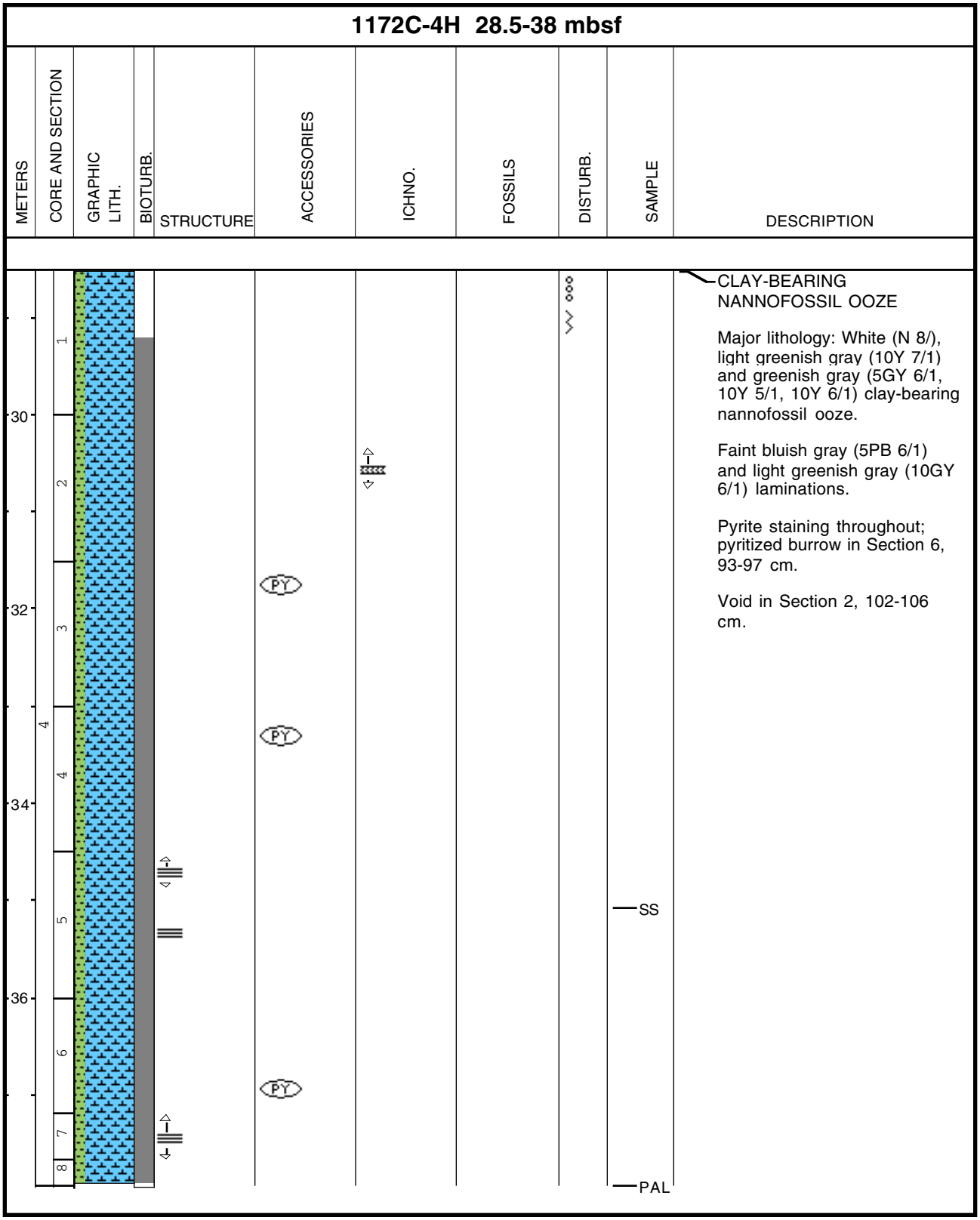
Core Photo


1172C-2H 9.5-19 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
10
12
14
16
18
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10Y 7/1 and 8/1, 5GY 7/1 and 8/1) foraminifer-bearing nannofossil ooze.
Pyrite staining throughout.

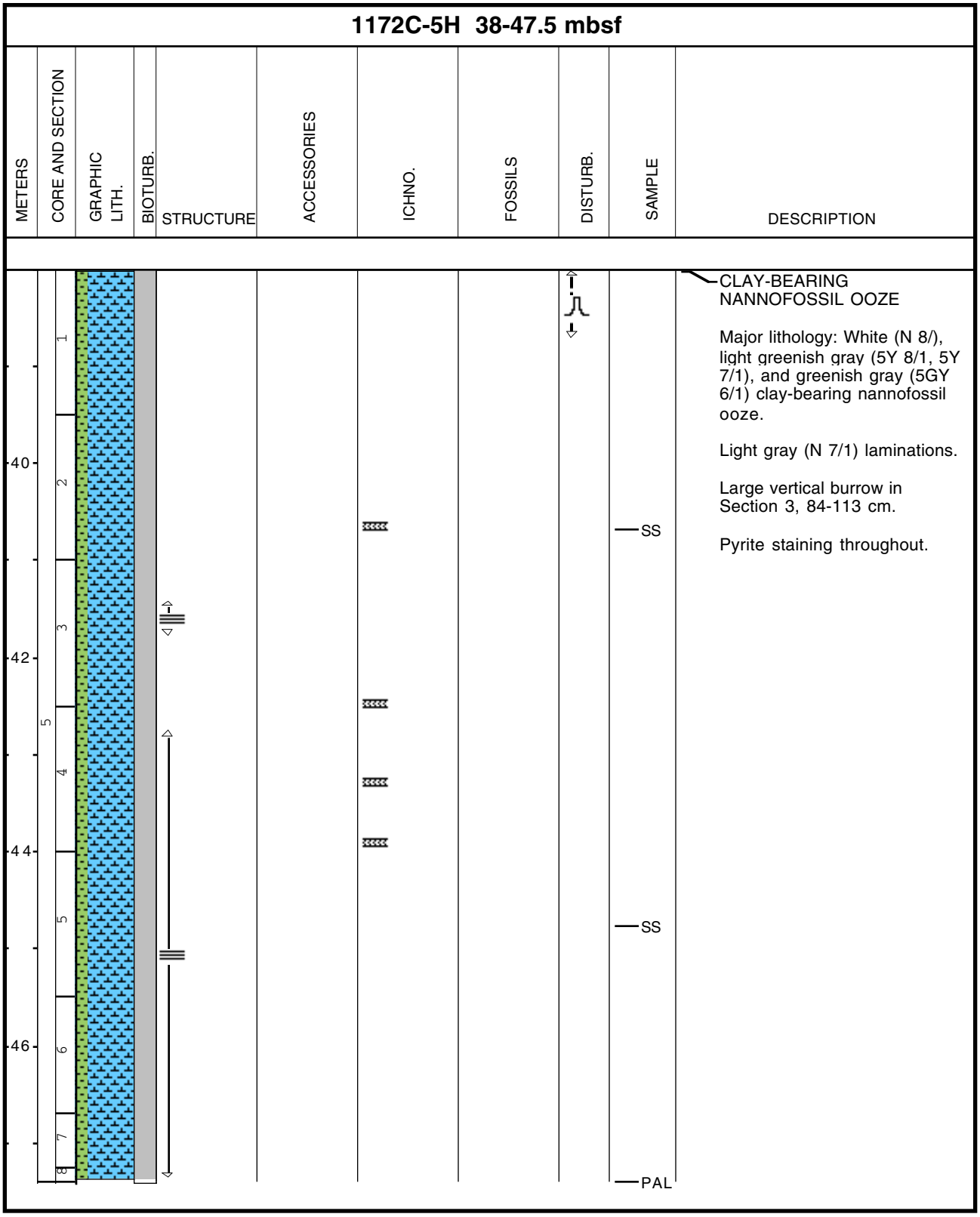
Core Photo


1172C-3H 19.0-28.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
14
16
18
20
22
1
2
3
4
5
6
7
8
PY
SS
SS
PAL
CLAY-BEARING NANNOFOSSIL OOZE
Major lithology: Light greenish gray (10Y 8/1, 10Y 7/1, 5GY 7/1), and greenish gray (5GY 6/1, 10Y 6/1) clay-bearing nannofossil ooze.
Faint green (5G 6/2) laminations in Section 3, 135-140 cm and gray (N 7/) laminations in Section 5, 80-90 cm.
Pyrite staining throughout.

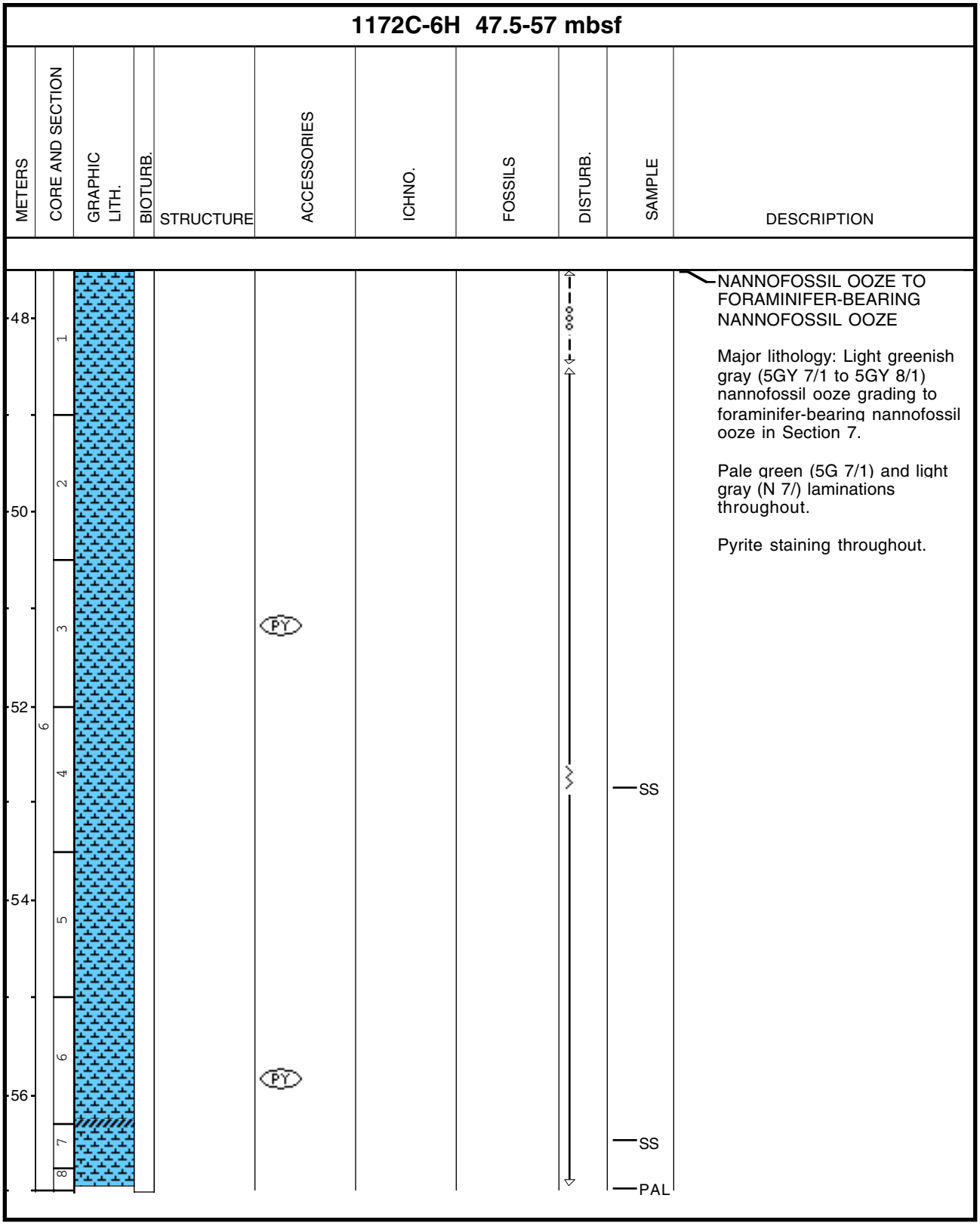
Core Photo


1172C-4H 28.5-38 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
30
32
34
36
1
2
3
4
5
6
7
8
PY
PY
PY
SS
PAL
CLAY-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (10Y 7/1) and greenish gray (5GY 6/1, 10Y 5/1, 10Y 6/1) clay-bearing nannofossil ooze.
Faint bluish gray (5PB 6/1) and light greenish gray (10GY 6/1) laminations.
Pyrite staining throughout; pyritized burrow in Section 6, 93-97 cm.
Void in Section 2, 102-106 cm.

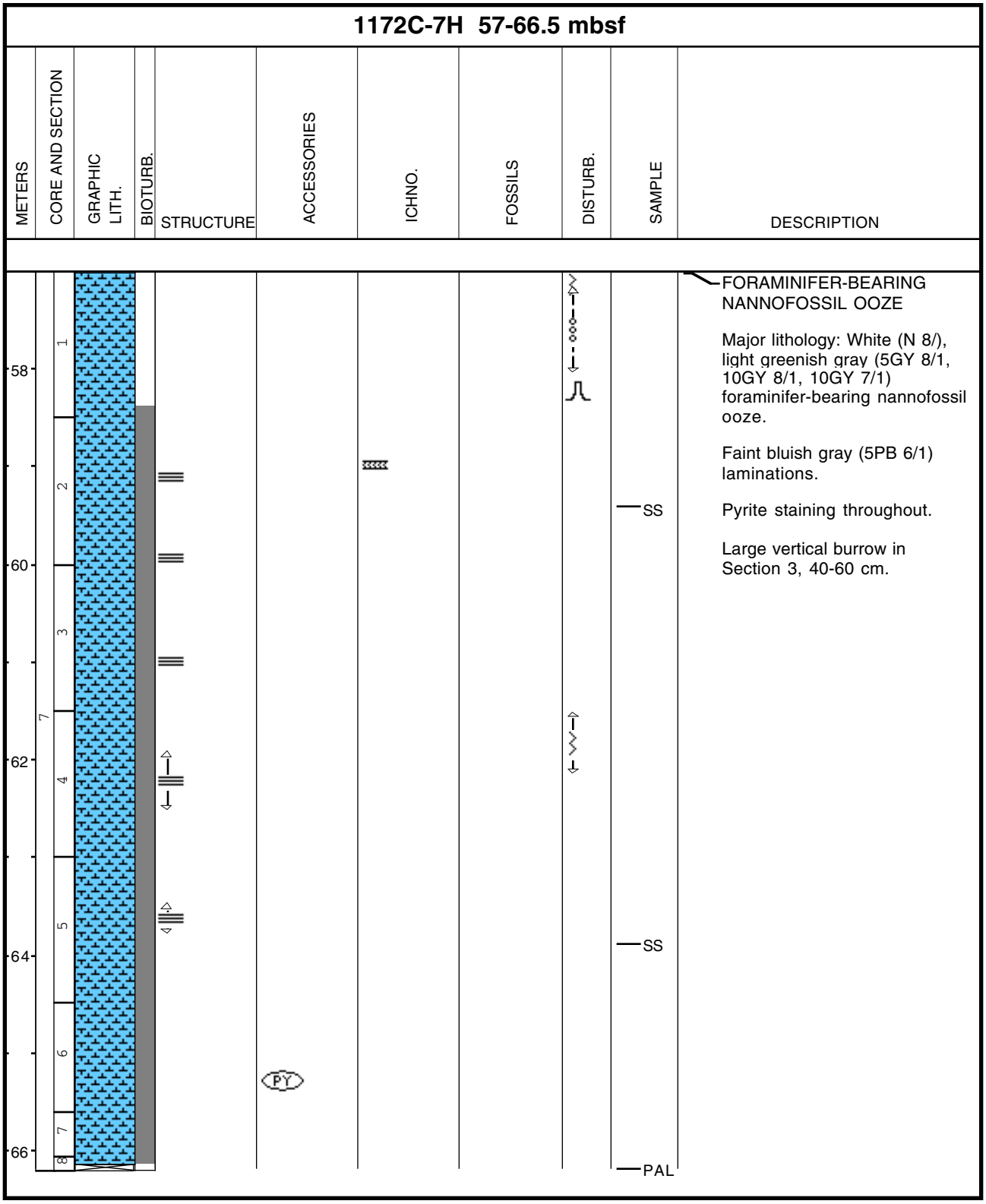
Core Photo


1172C-5H 38-47.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
40
42
44
46
1
2
3
4
5
6
7
8
SS
SS
PAL
CLAY-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (5Y 8/1, 5Y 7/1), and greenish gray (5GY 6/1) clay-bearing nannofossil ooze.
Light gray (N 7/1) laminations.
Large vertical burrow in Section 3, 84-113 cm.
Pyrite staining throughout.

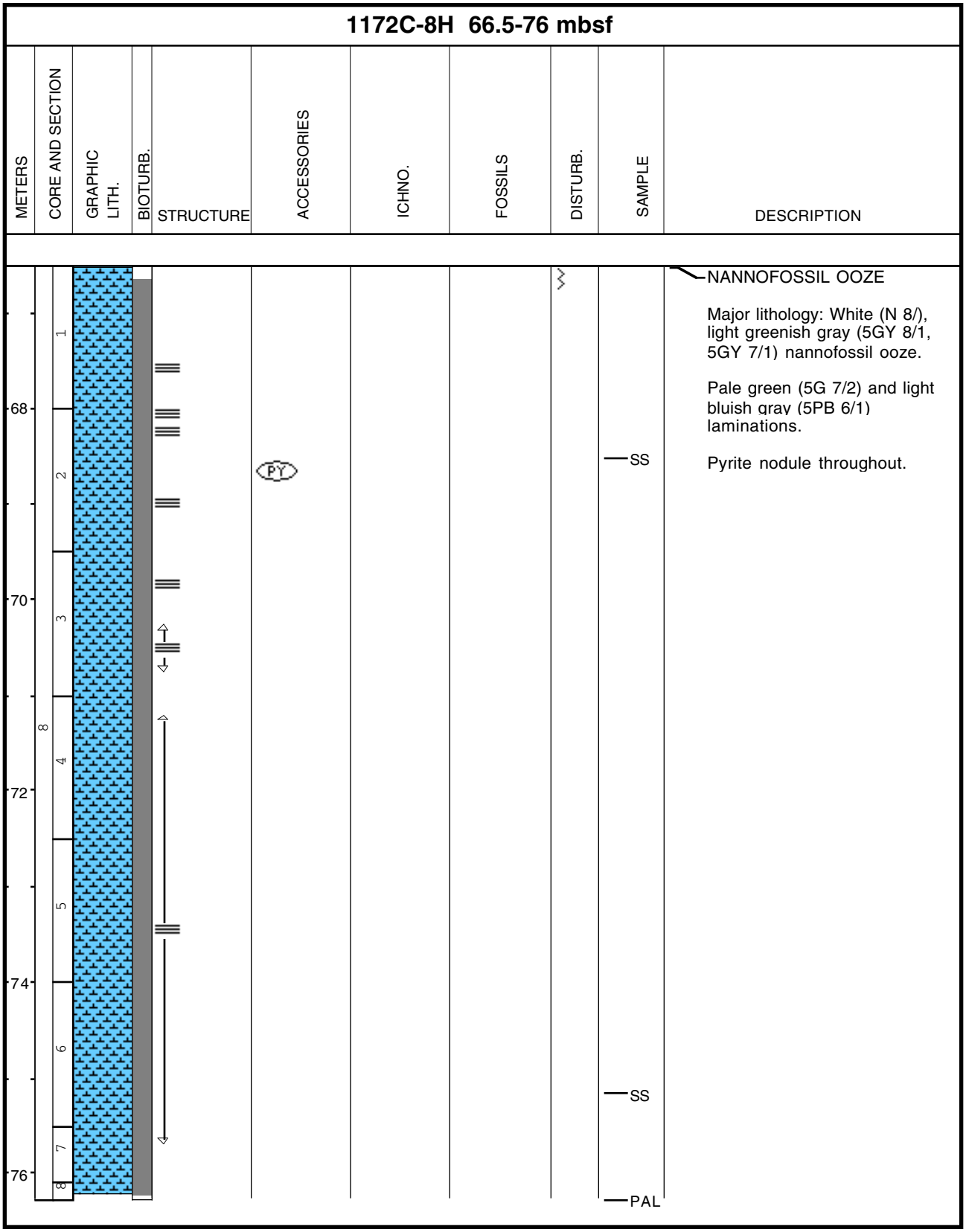
Core Photo


1172C-6H 47.5-57 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
48
50
52
54
56
1
2
3
4
5
6
7
8
9
PY
PY
SS
SS
PAL
NANNOFOSSIL OOZE TO FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Light greenish gray (5GY 7/1 to 5GY 8/1) nannofossil ooze grading to foraminifer-bearing nannofossil ooze in Section 7.
Pale green (5G 7/1) and light gray (N 7/) laminations throughout.
Pyrite staining throughout.

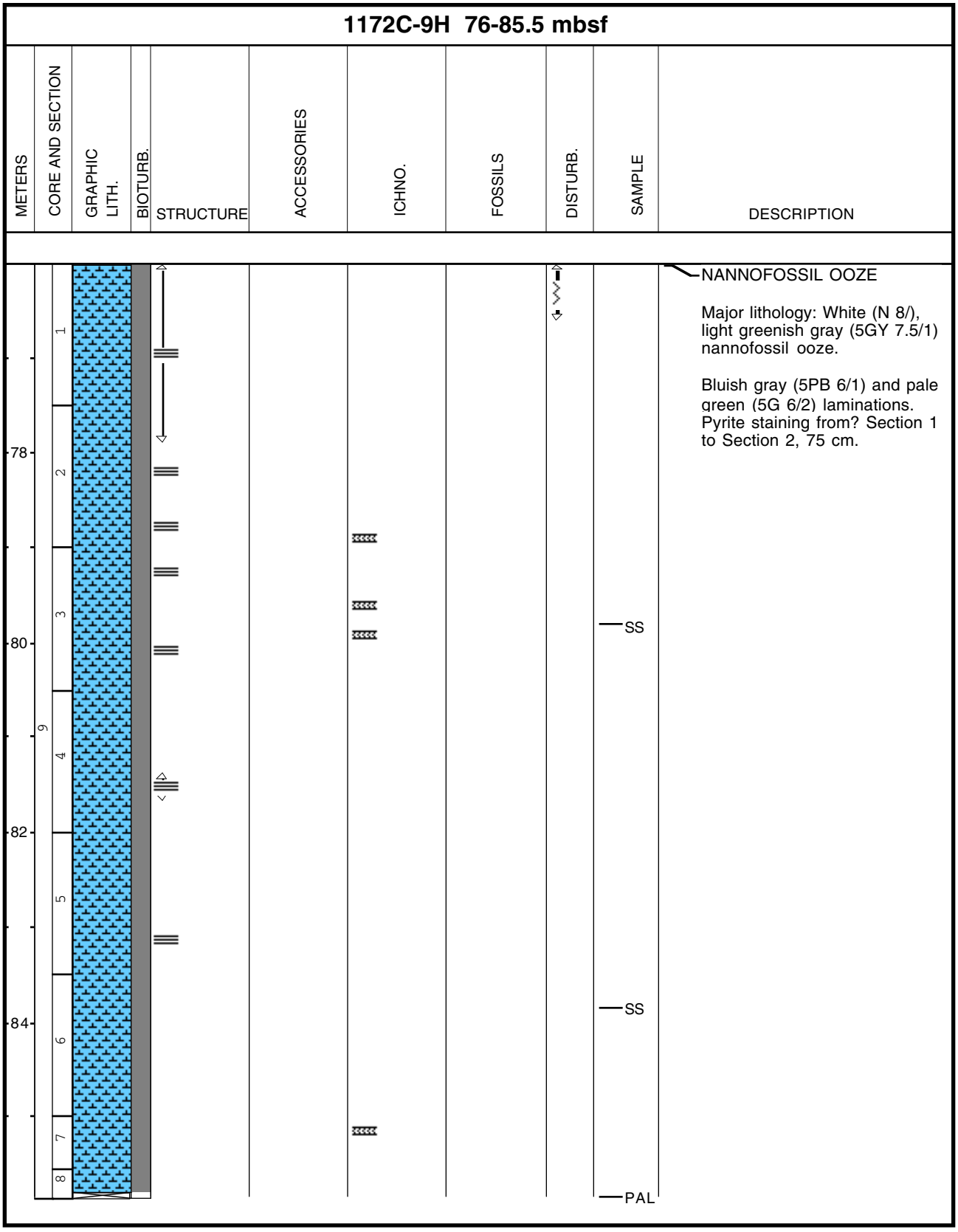
Core Photo


1172C-7H 57-66.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
58
60
62
64
66
1
2
3
4
5
6
7
8
7
PY
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (5GY 8/1, 10GY 8/1, 10GY 7/1) foraminifer-bearing nannofossil ooze.
Faint bluish gray (5PB 6/1) laminations.
Pyrite staining throughout.
Large vertical burrow in Section 3, 40-60 cm.

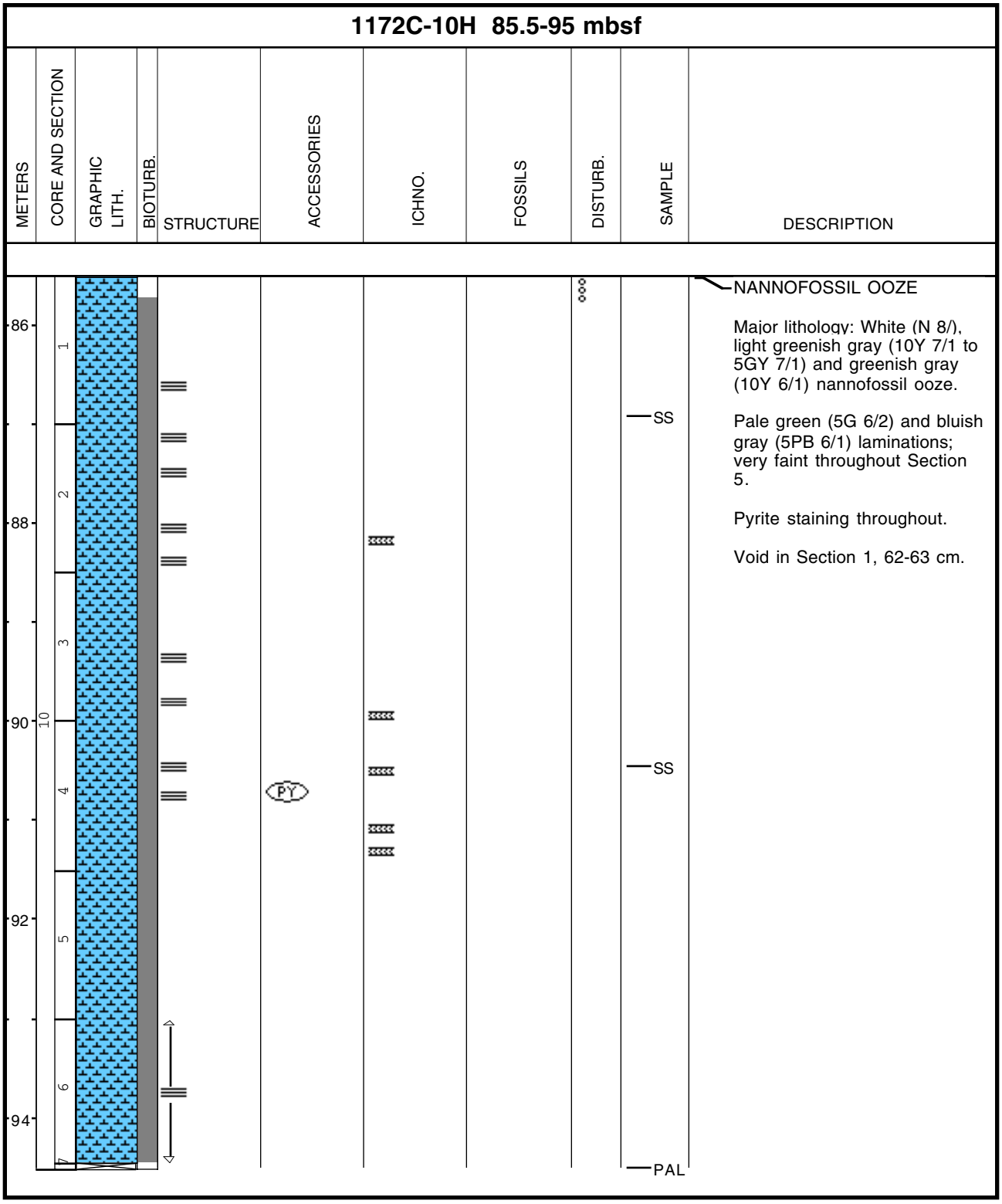
Core Photo


1172C-8H 66.5-76 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
68
70
72
74
76
1
2
3
4
5
6
7
8
PY
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (5GY 8/1, 5GY 7/1) nannofossil ooze.
Pale green (5G 7/2) and light bluish gray (5PB 6/1) laminations.
Pyrite nodule throughout.

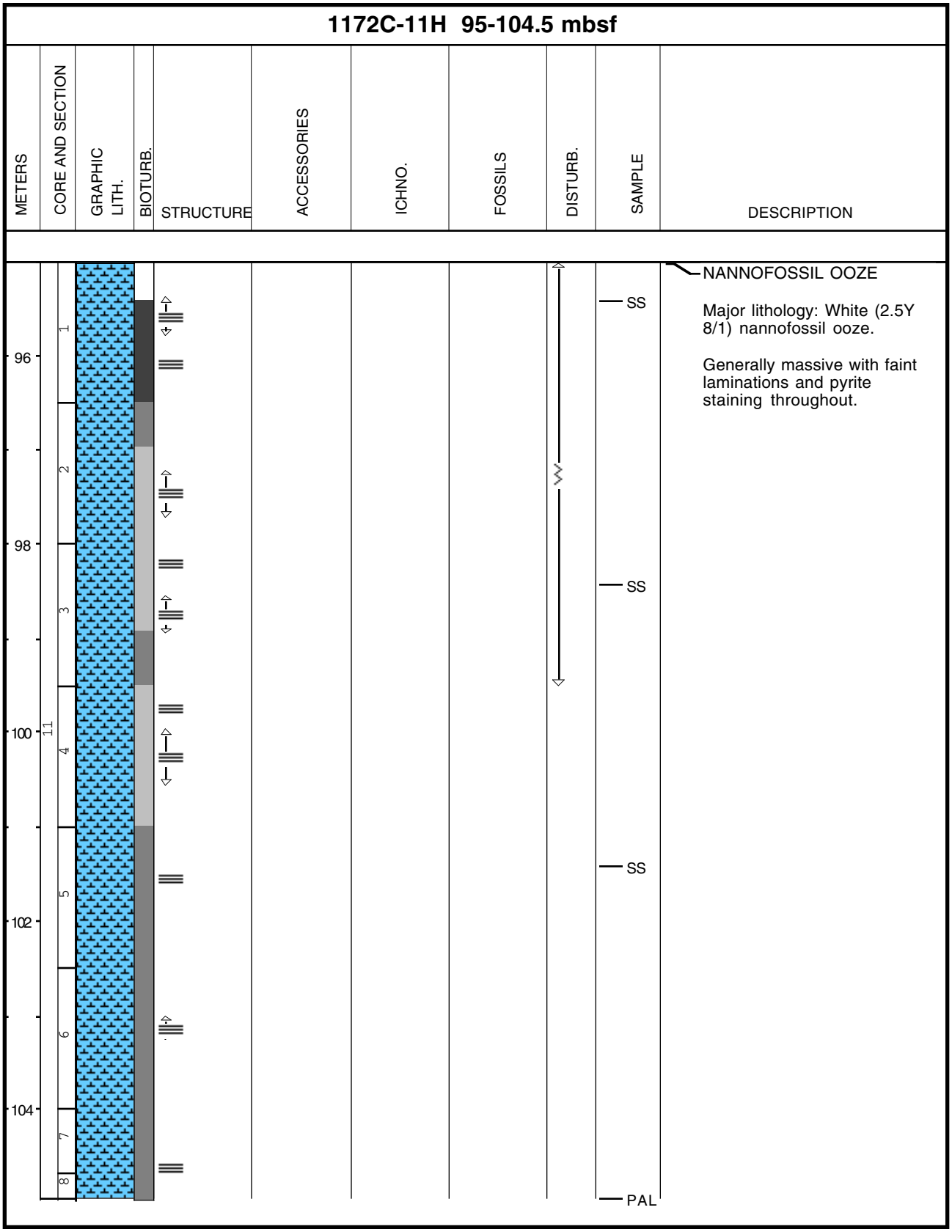
Core Photo


1172C-9H 76-85.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
78
80
82
84
9
1
2
3
4
5
6
7
8
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (5GY 7.5/1) nannofossil ooze.
Bluish gray (5PB 6/1) and pale green (5G 6/2) laminations. Pyrite staining from? Section 1 to Section 2, 75 cm.

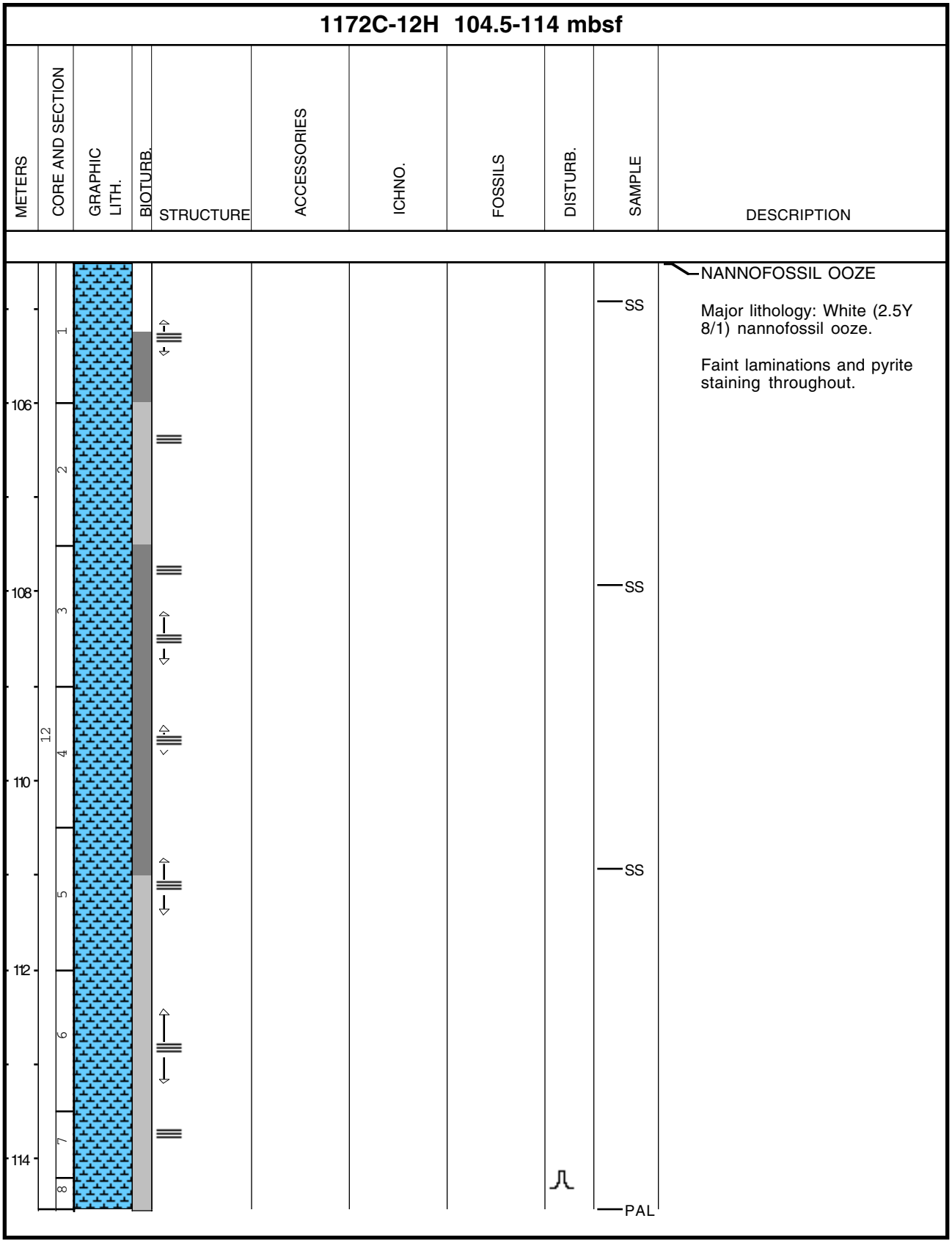
Core Photo


1172C-10H 85.5-95 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
86
88
90
92
94
1
2
3
4
5
6
7
10
PY
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/), light greenish gray (10Y 7/1 to 5GY 7/1) and greenish gray (10Y 6/1) nannofossil ooze.
Pale green (5G 6/2) and bluish gray (5PB 6/1) laminations; very faint throughout Section 5.
Pyrite staining throughout.
Void in Section 1, 62-63 cm.

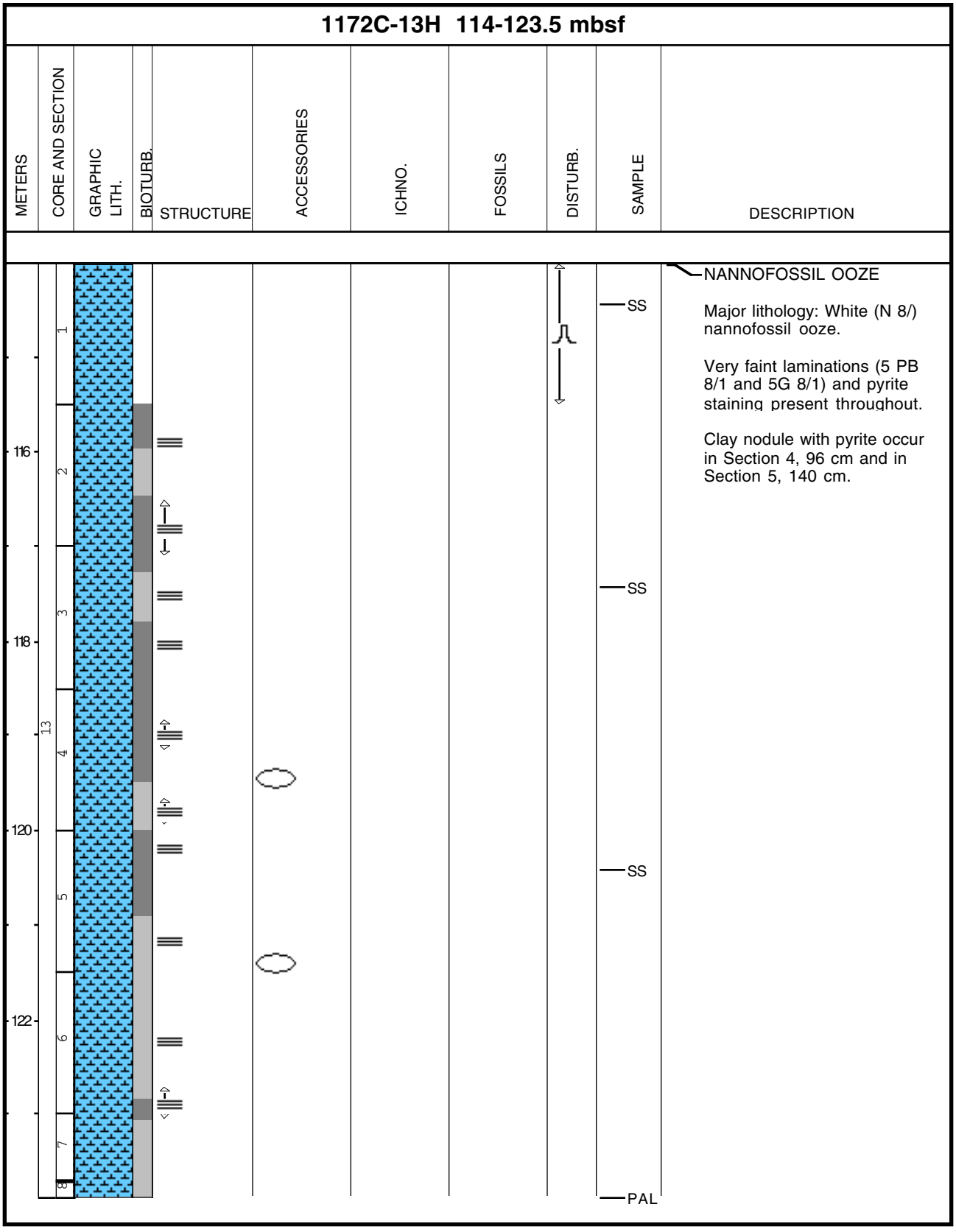
Core Photo


1172C-11H 95-104.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
96
98
100
102
104
11
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (2.5Y 8/1) nannofossil ooze.
Generally massive with faint laminations and pyrite staining throughout.

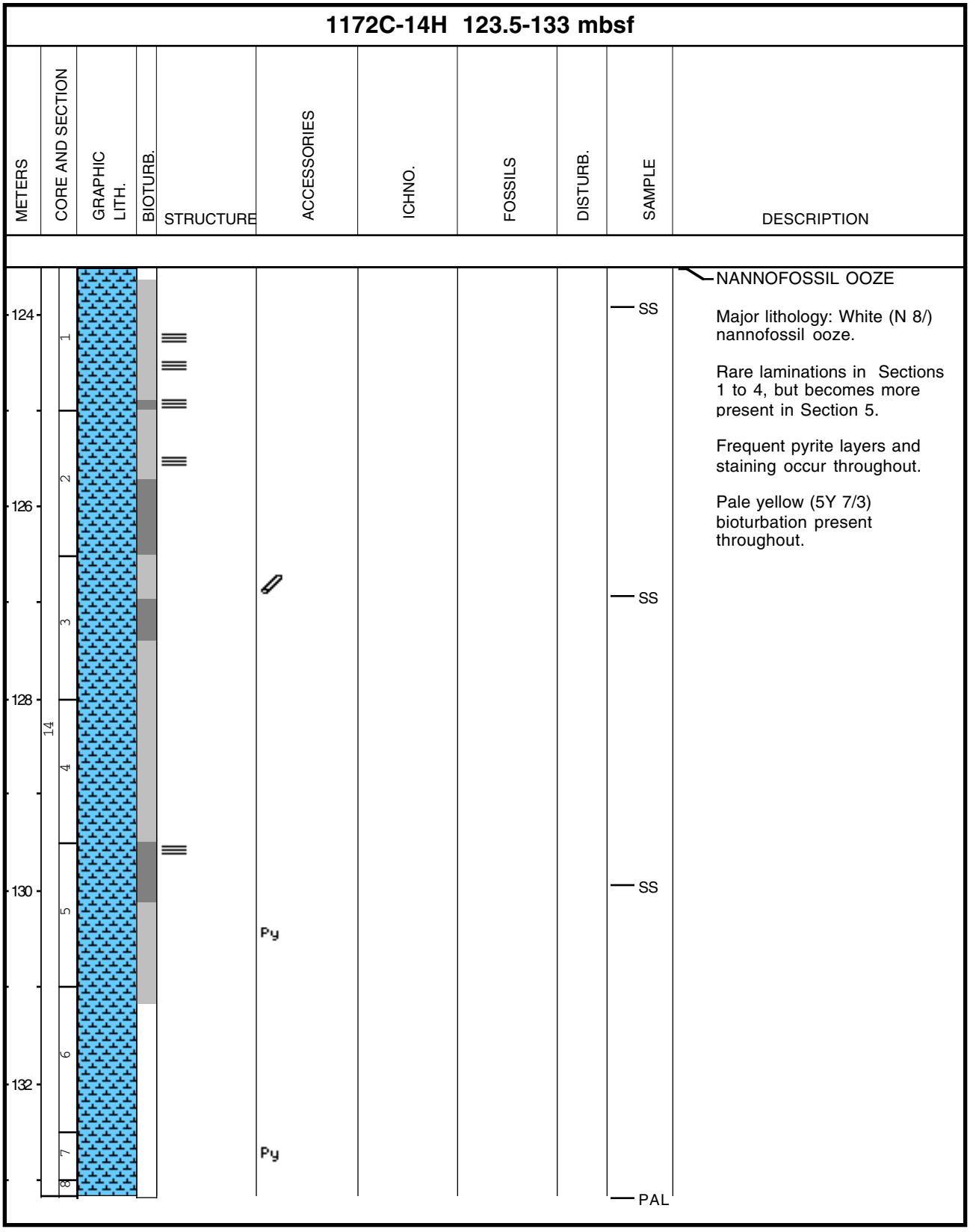
Core Photo


1172C-12H 104.5-114 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
106
108
110
112
114
12
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (2.5Y 8/1) nannofossil ooze.
Faint laminations and pyrite staining throughout.

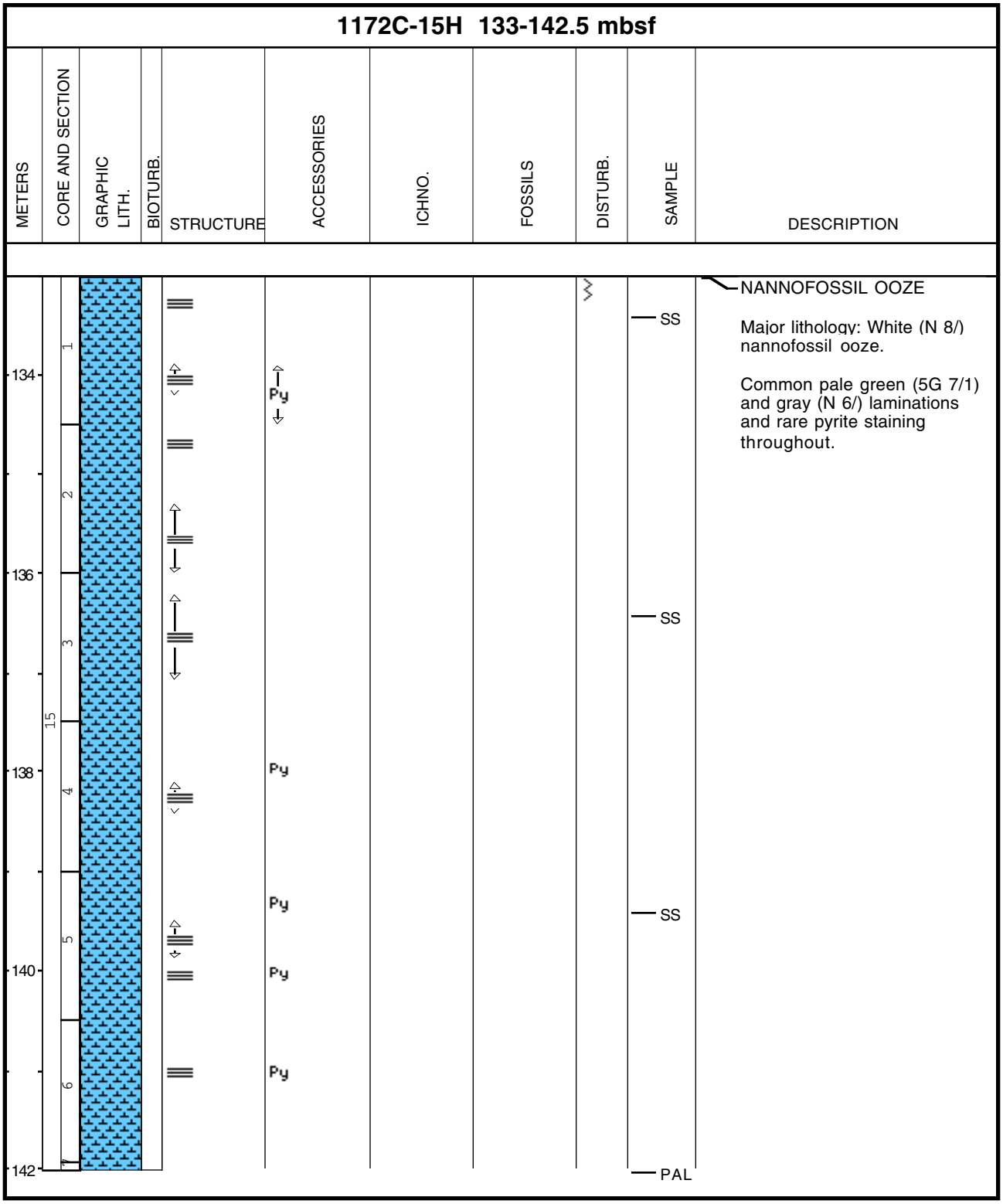
Core Photo


1172C-13H 114-123.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
116
118
120
122
13
1
2
3
4
5
6
7
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Very faint laminations (5 PB 8/1 and 5G 8/1) and pyrite staining present throughout.
Clay nodule with pyrite occur in Section 4, 96 cm and in Section 5, 140 cm.

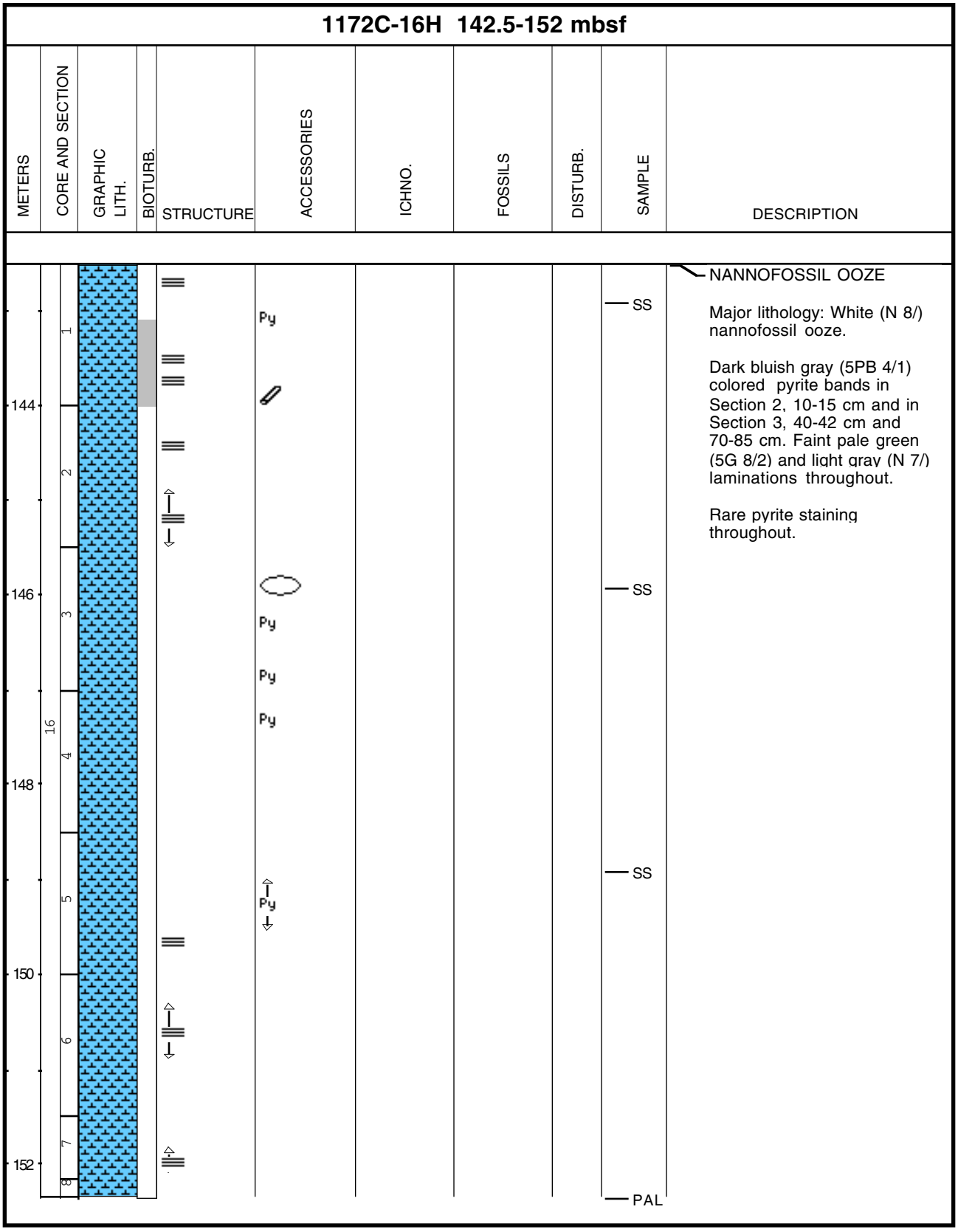
Core Photo


1172C-14H 123.5-133 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
124
126
128
130
132
14
1
2
3
4
5
6
7
8
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Rare laminations in Sections 1 to 4, but becomes more present in Section 5.
Frequent pyrite layers and staining occur throughout.
Pale yellow (5Y 7/3) bioturbation present throughout.

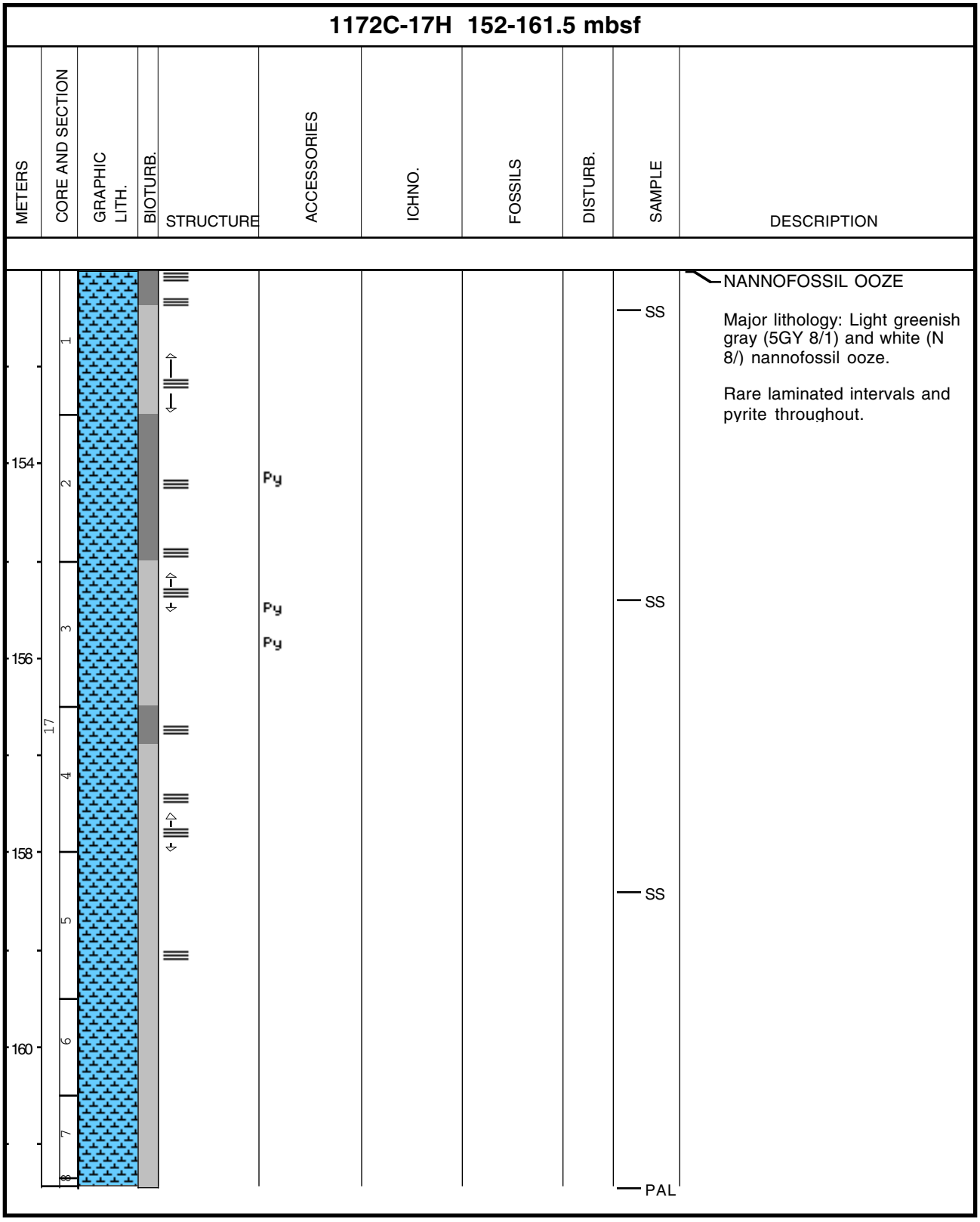
Core Photo


1172C-15H 133-142.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
134
136
138
140
142
15
1
2
3
4
5
6
Py
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Common pale green (5G 7/1) and gray (N 6/) laminations and rare pyrite staining throughout.

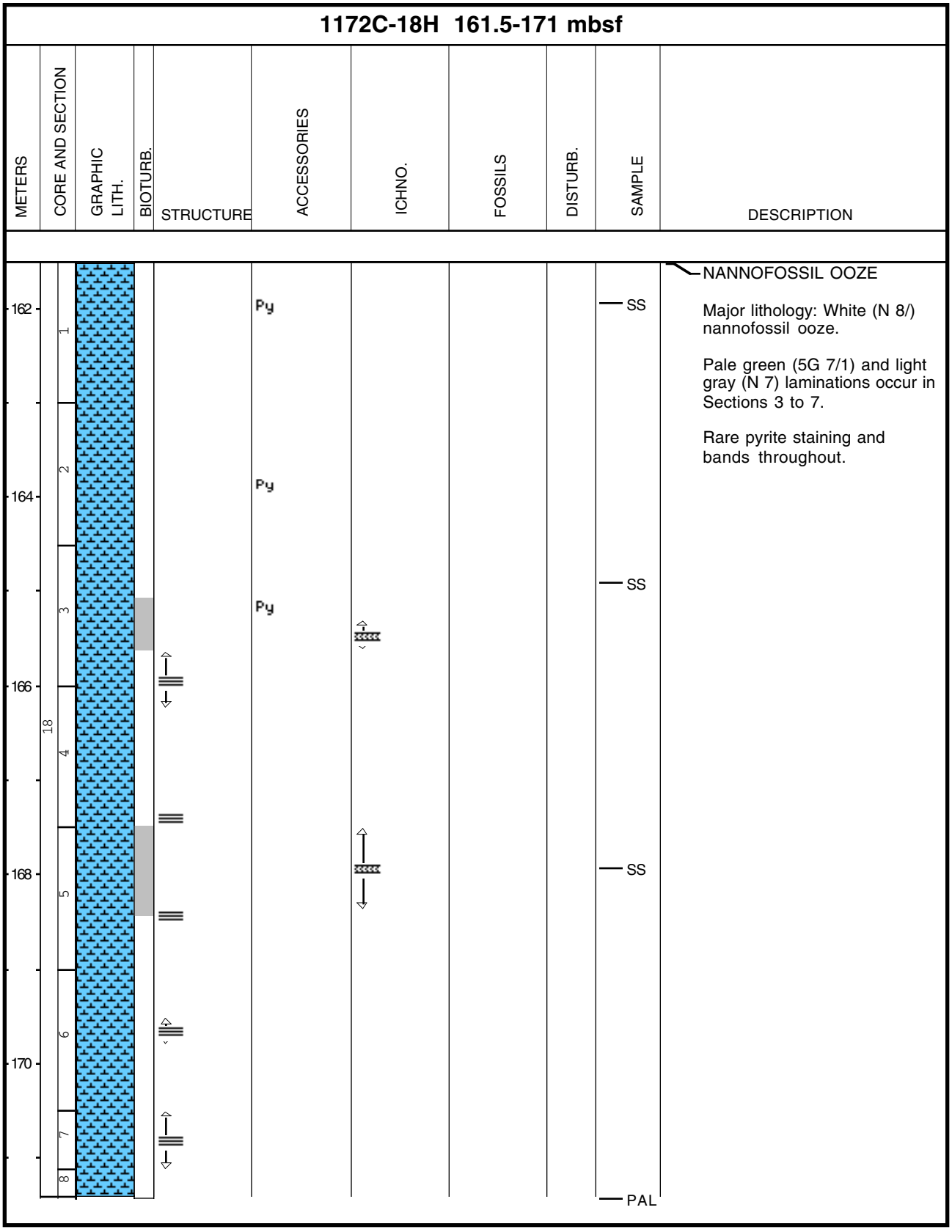
Core Photo


1172C-16H 142.5-152 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
144
146
148
150
152
16
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8/) nannofossil ooze.
Dark bluish gray (5PB 4/1) colored pyrite bands in Section 2, 10-15 cm and in Section 3, 40-42 cm and 70-85 cm. Faint pale green (5G 8/2) and light gray (N 7/) laminations throughout.
Rare pyrite staining throughout.

Core Photo

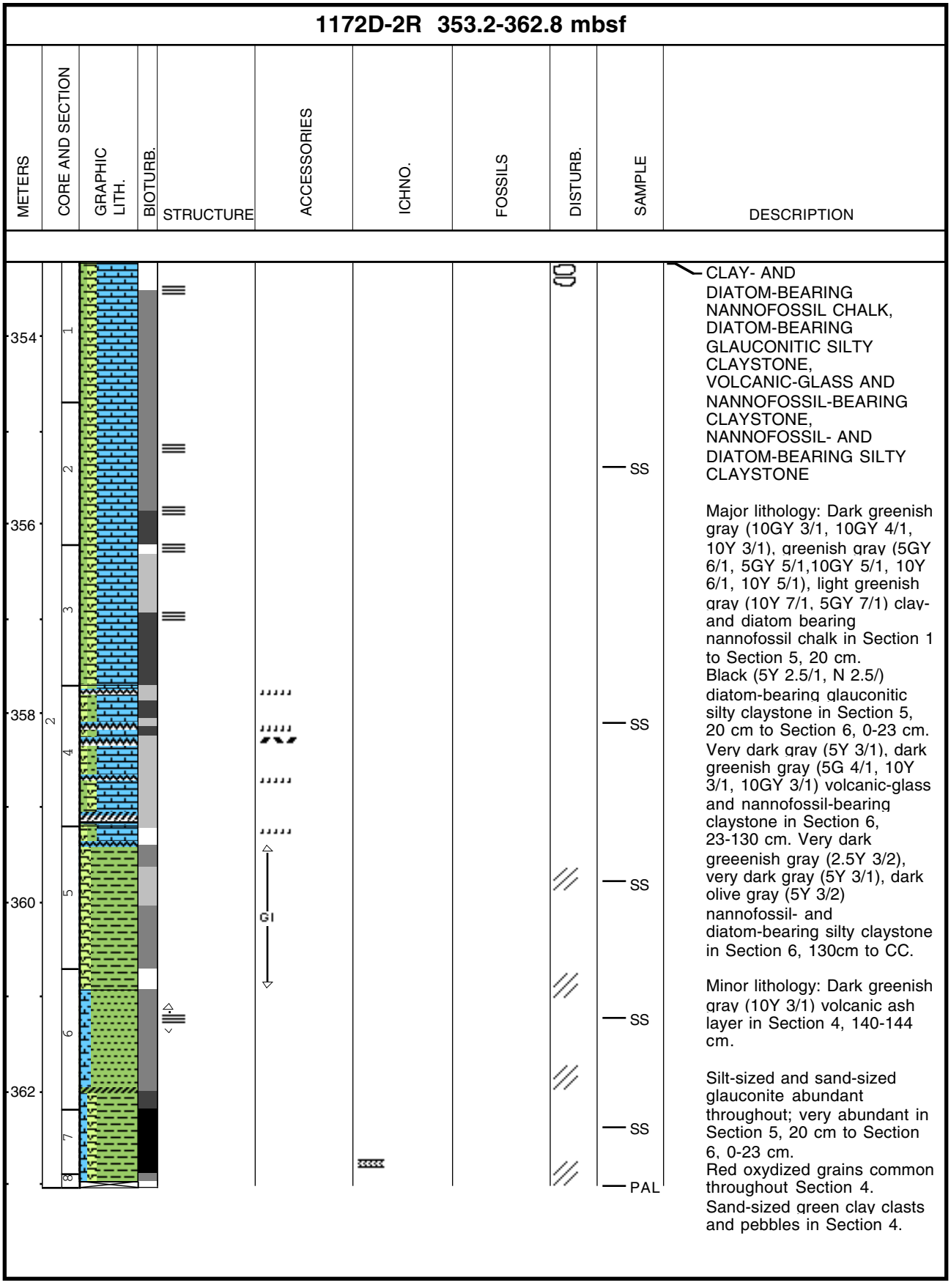

1172C-17H 152-161.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
154
156
158
160
17
1
2
3
4
5
6
7
8
Py
Py
Py
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: Light greenish gray (5GY 8/1) and white (N 8/) nannofossil ooze.
Rare laminated intervals and pyrite throughout.

Core Photo

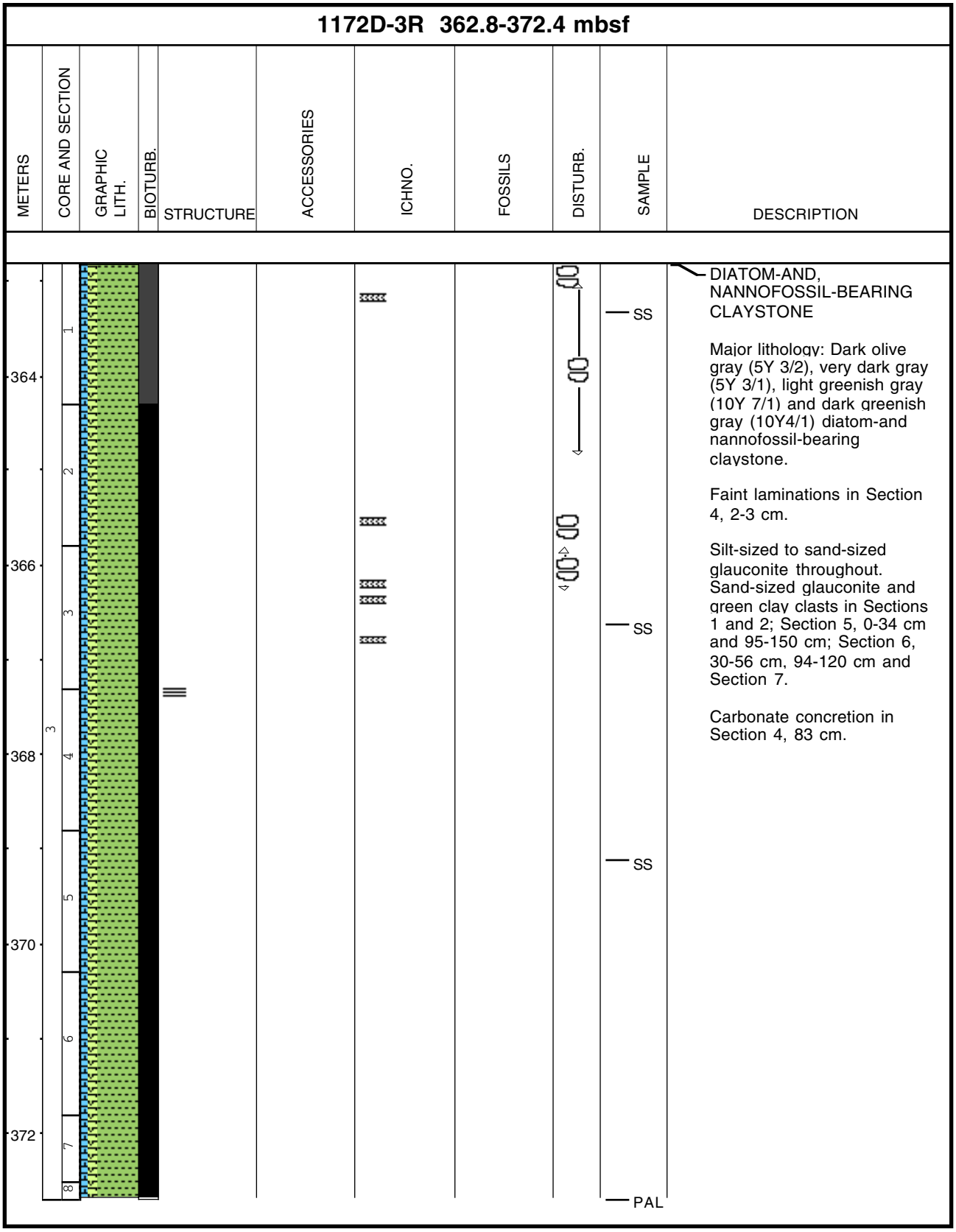


1172D-1R NO RECOVERY

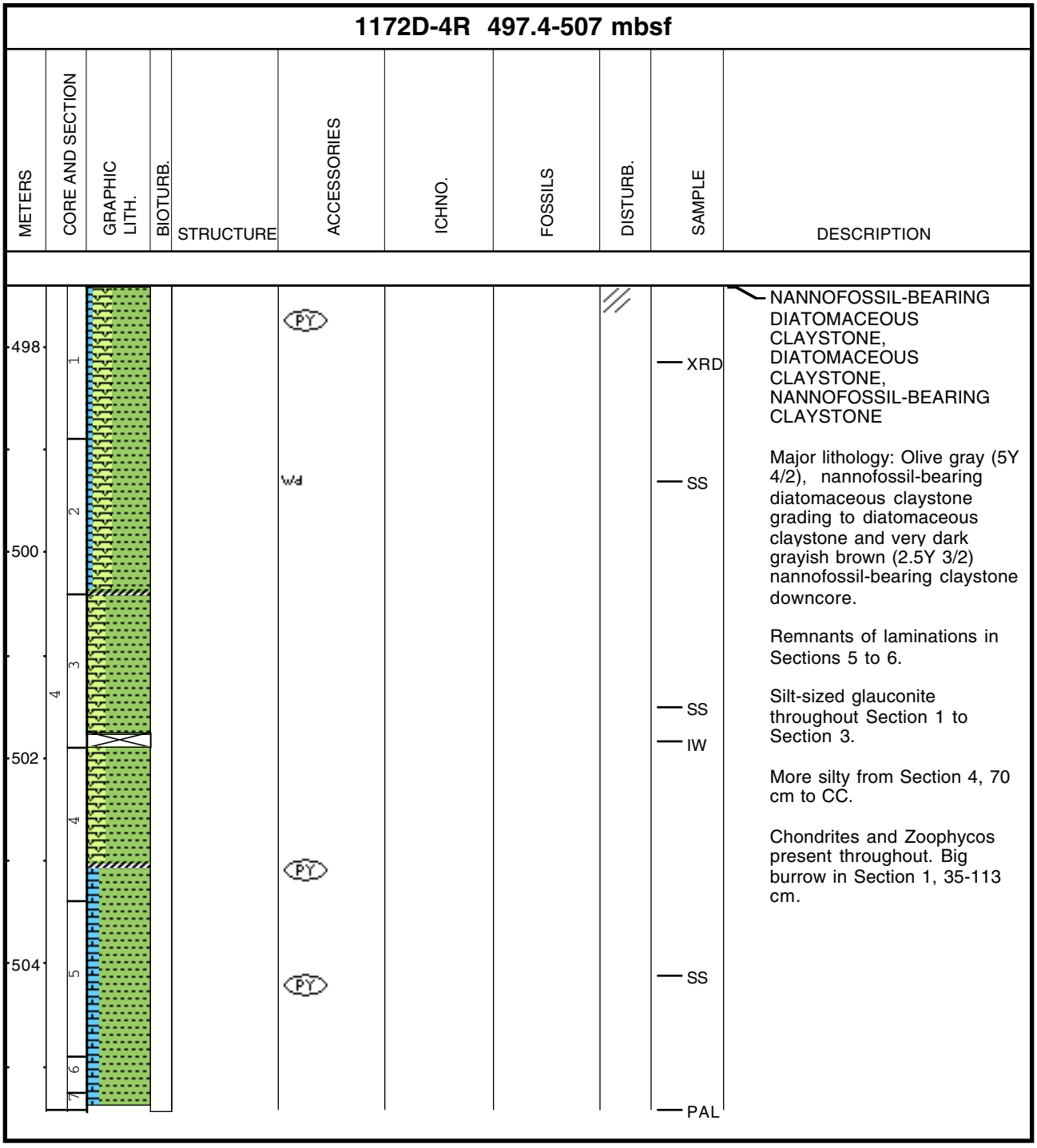
Core Photo


1172D-2R 353.2-362.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
354
356
358
360
362
GI
SS
SS
SS
SS
PAL
CLAY- AND DIATOM-BEARING NANNOFOSSIL CHALK, DIATOM-BEARING GLAUCONITIC SILTY CLAYSTONE, VOLCANIC-GLASS AND NANNOFOSSIL-BEARING CLAYSTONE, NANNOFOSSIL- AND DIATOM-BEARING SILTY CLAYSTONE
Major lithology: Dark greenish gray (10GY 3/1, 10GY 4/1, 10Y 3/1), greenish gray (5GY 6/1, 5GY 5/1,10GY 5/1, 10Y 6/1, 10Y 5/1), light greenish gray (10Y 7/1, 5GY 7/1) clay- and diatom bearing nannofossil chalk in Section 1 to Section 5, 20 cm.
Black (5Y 2.5/1, N 2.5/) diatom-bearing glauconitic silty claystone in Section 5, 20 cm to Section 6, 0-23 cm.
Very dark gray (5Y 3/1), dark greenish gray (5G 4/1, 10Y 3/1, 10GY 3/1) volcanic-glass and nannofossil-bearing claystone in Section 6, 23-130 cm. Very dark greeenish gray (2.5Y 3/2), very dark gray (5Y 3/1), dark olive gray (5Y 3/2) nannofossil- and diatom-bearing silty claystone in Section 6, 130cm to CC.
Minor lithology: Dark greenish gray (10Y 3/1) volcanic ash layer in Section 4, 140-144 cm.
Silt-sized and sand-sized glauconite abundant throughout; very abundant in Section 5, 20 cm to Section 6, 0-23 cm.
Red oxydized grains common throughout Section 4.
Sand-sized green clay clasts and pebbles in Section 4.

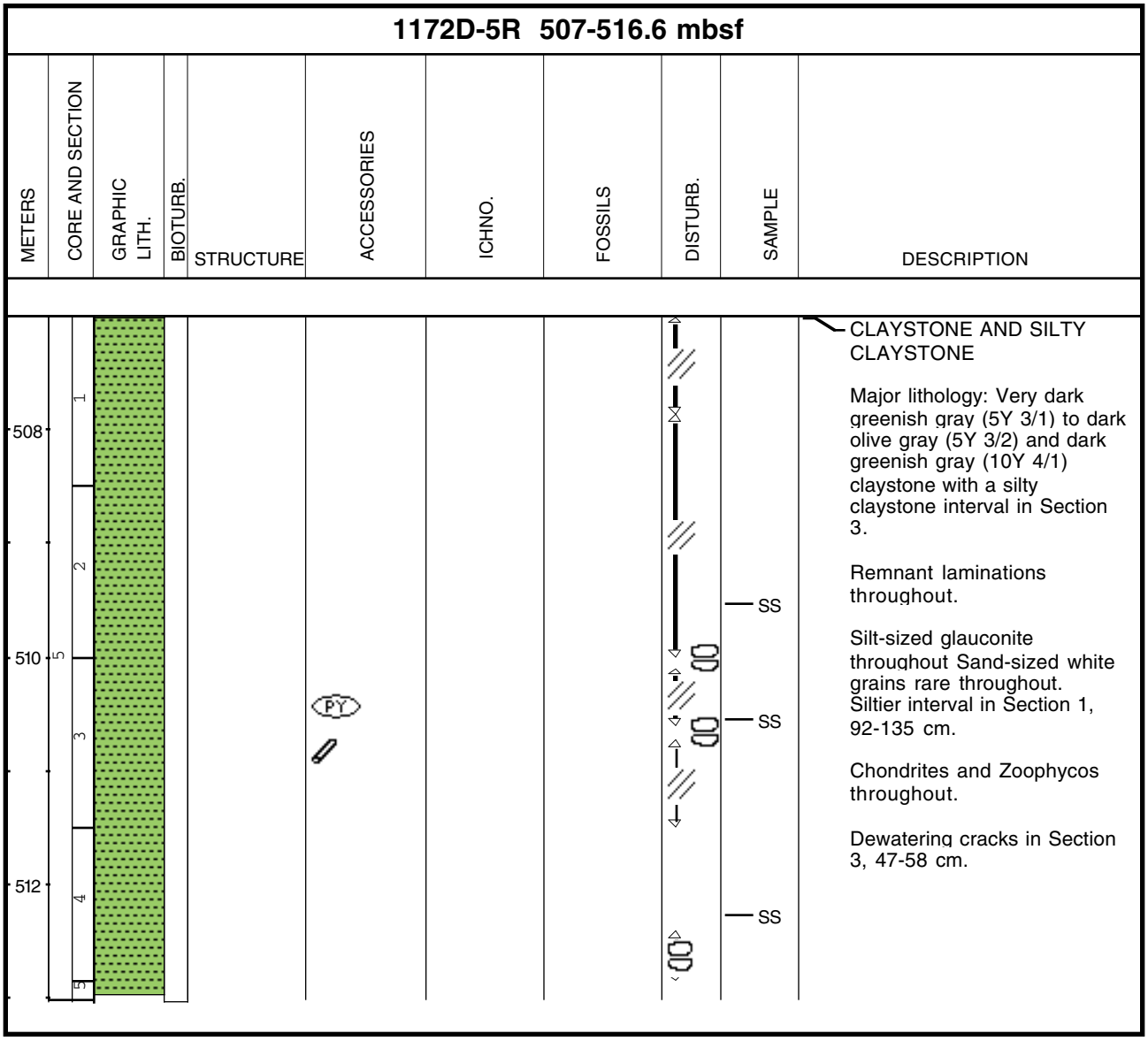
Core Photo


1172D-3R 362.8-372.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
364
366
368
370
372
SS
SS
SS
PAL
DIATOM-AND, NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2), very dark gray (5Y 3/1), light greenish gray (10Y 7/1) and dark greenish gray (10Y4/1) diatom-and nannofossil-bearing claystone.
Faint laminations in Section 4, 2-3 cm.
Silt-sized to sand-sized glauconite throughout. Sand-sized glauconite and green clay clasts in Sections 1 and 2; Section 5, 0-34 cm and 95-150 cm; Section 6, 30-56 cm, 94-120 cm and Section 7.
Carbonate concretion in Section 4, 83 cm.

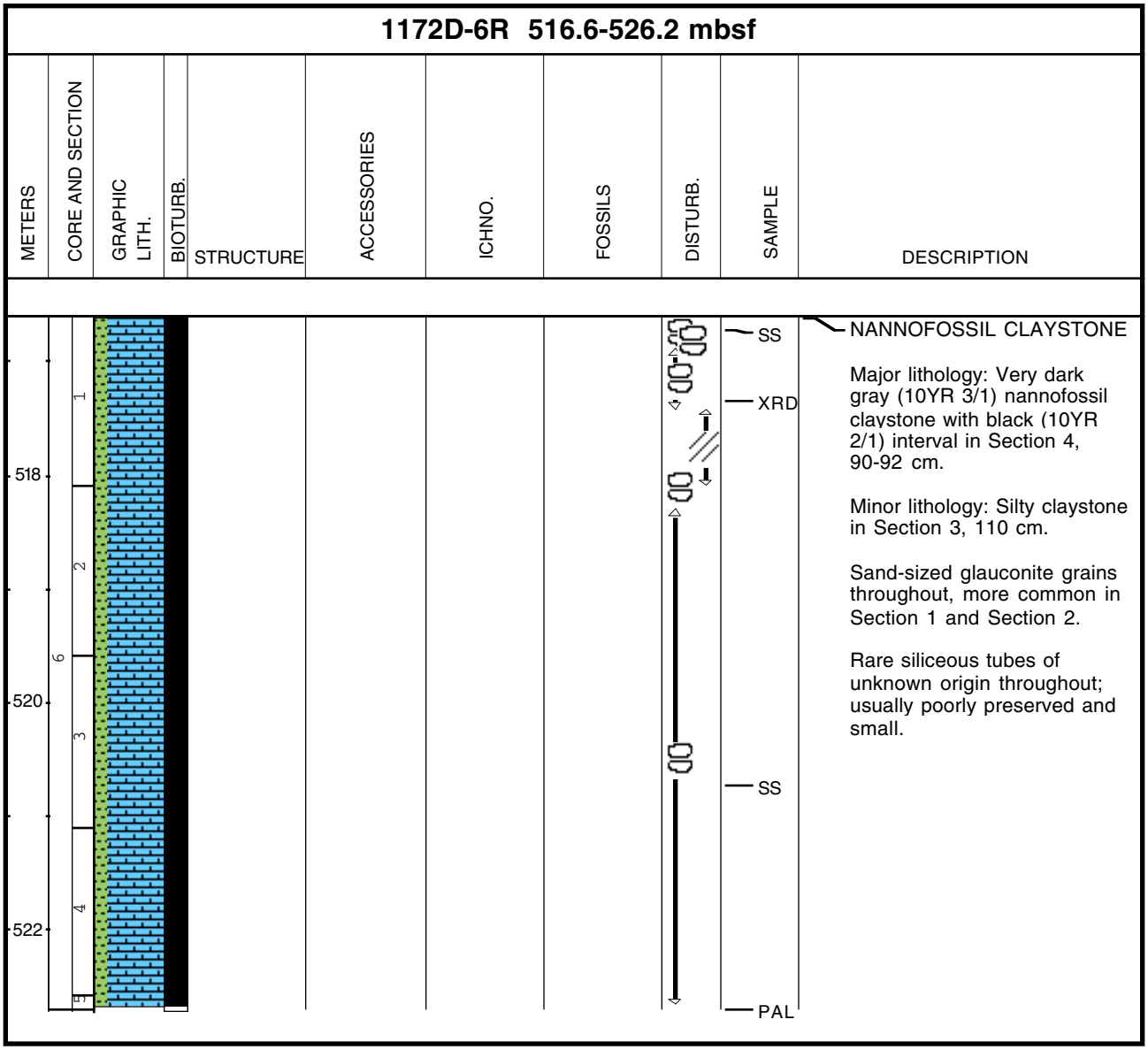
Core Photo


1172D-4R 497.4-507 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
498
500
502
504
1
2
3
4
5
6
7
PY
wd
XRD
SS
SS
IW
SS
PAL
NANNOFOSSIL-BEARING DIATOMACEOUS CLAYSTONE, DIATOMACEOUS CLAYSTONE, NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Olive gray (5Y 4/2), nannofossil-bearing diatomaceous claystone grading to diatomaceous claystone and very dark grayish brown (2.5Y 3/2) nannofossil-bearing claystone downcore.
Remnants of laminations in Sections 5 to 6.
Silt-sized glauconite throughout Section 1 to Section 3.
More silty from Section 4, 70 cm to CC.
Chondrites and Zoophycos present throughout. Big burrow in Section 1, 35-113 cm.

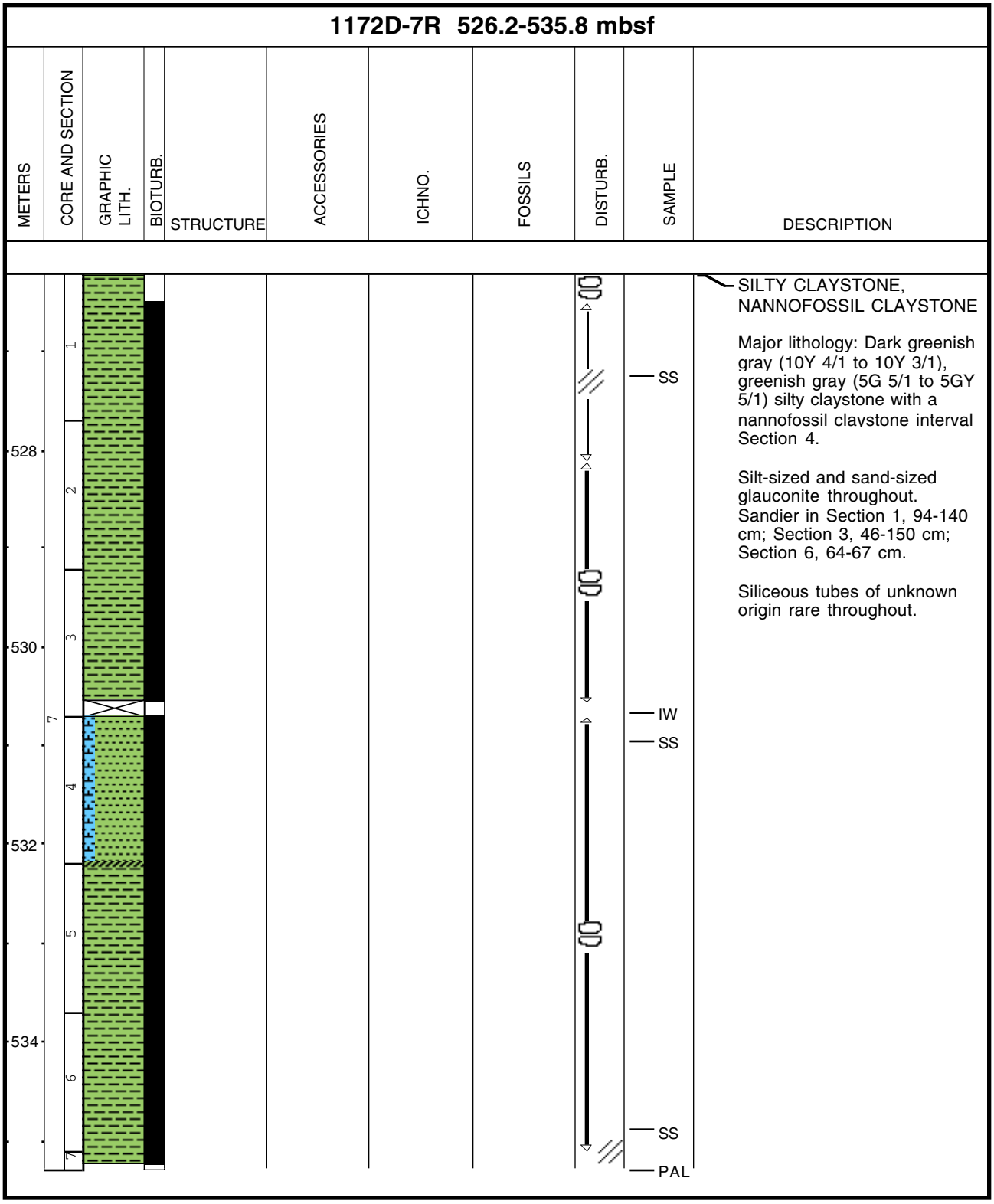
Core Photo


1172D-5R 507-516.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
508
510
512
1
2
3
4
5
5
PY
SS
SS
SS
CLAYSTONE AND SILTY CLAYSTONE
Major lithology: Very dark greenish gray (5Y 3/1) to dark olive gray (5Y 3/2) and dark greenish gray (10Y 4/1) claystone with a silty claystone interval in Section 3.
Remnant laminations throughout.
Silt-sized glauconite throughout Sand-sized white grains rare throughout. Siltier interval in Section 1, 92-135 cm.
Chondrites and Zoophycos throughout.
Dewatering cracks in Section 3, 47-58 cm.

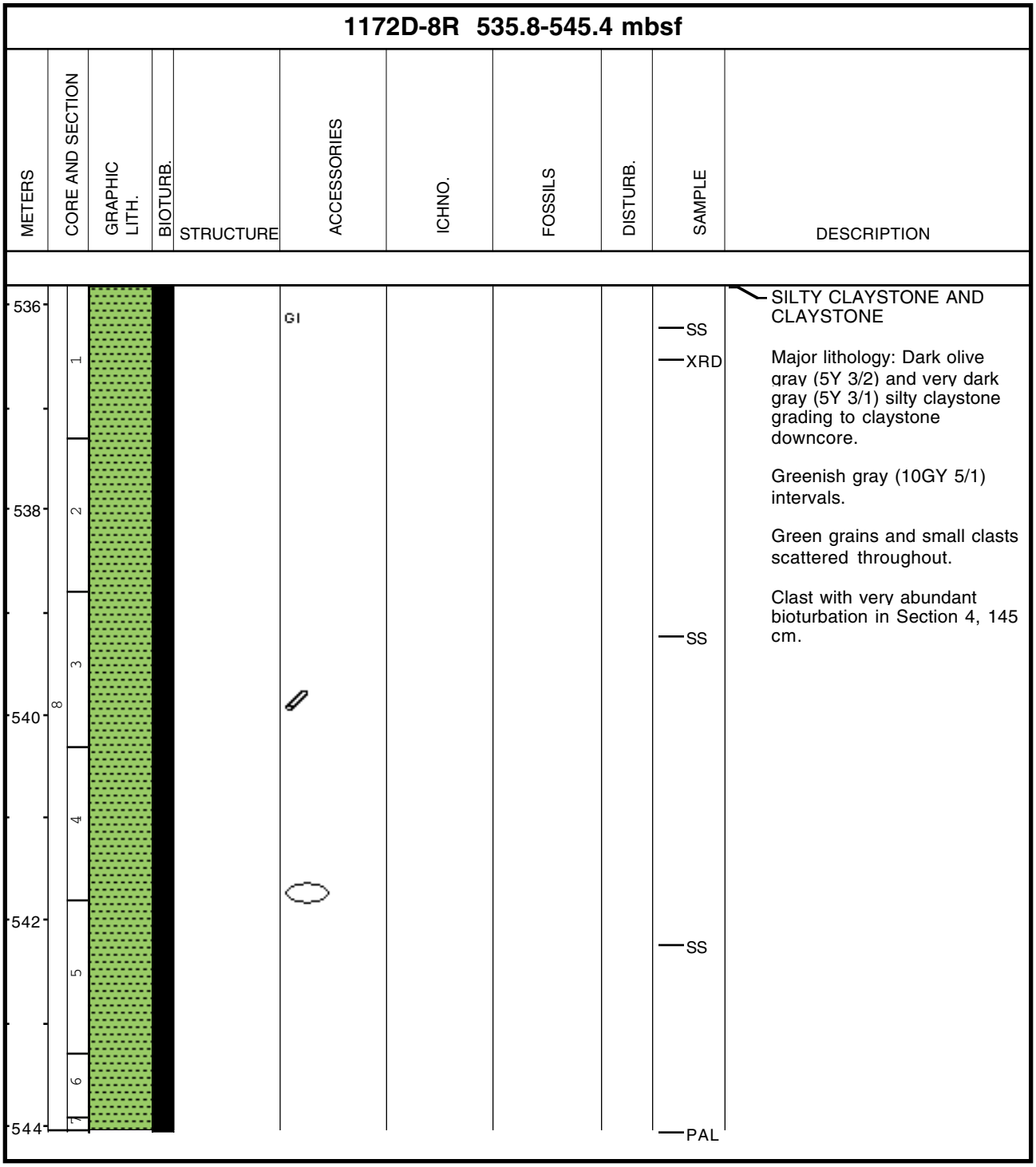
Core Photo


1172D-6R 516.6-526.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
518
520
522
1
2
3
4
5
6
SS
XRD
SS
PAL
NANNOFOSSIL CLAYSTONE
Major lithology: Very dark gray (10YR 3/1) nannofossil claystone with black (10YR 2/1) interval in Section 4, 90-92 cm.
Minor lithology: Silty claystone in Section 3, 110 cm.
Sand-sized glauconite grains throughout, more common in Section 1 and Section 2.
Rare siliceous tubes of unknown origin throughout; usually poorly preserved and small.

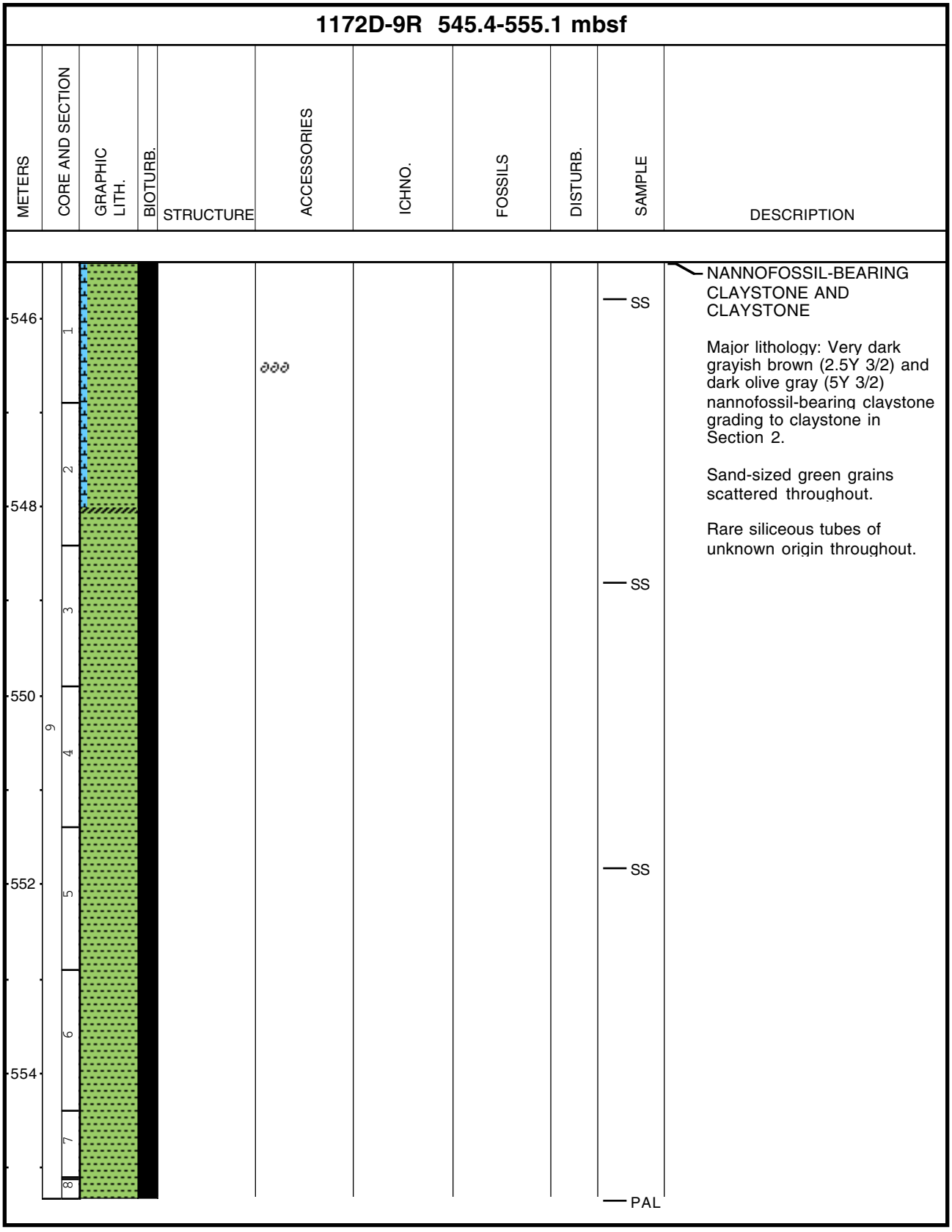
Core Photo


1172D-7R 526.2-535.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
528
530
532
534
7
1
2
3
4
5
6
7
SS
IW
SS
SS
PAL
SILTY CLAYSTONE, NANNOFOSSIL CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1 to 10Y 3/1), greenish gray (5G 5/1 to 5GY 5/1) silty claystone with a nannofossil claystone interval Section 4.
Silt-sized and sand-sized glauconite throughout. Sandier in Section 1, 94-140 cm; Section 3, 46-150 cm; Section 6, 64-67 cm.
Siliceous tubes of unknown origin rare throughout.

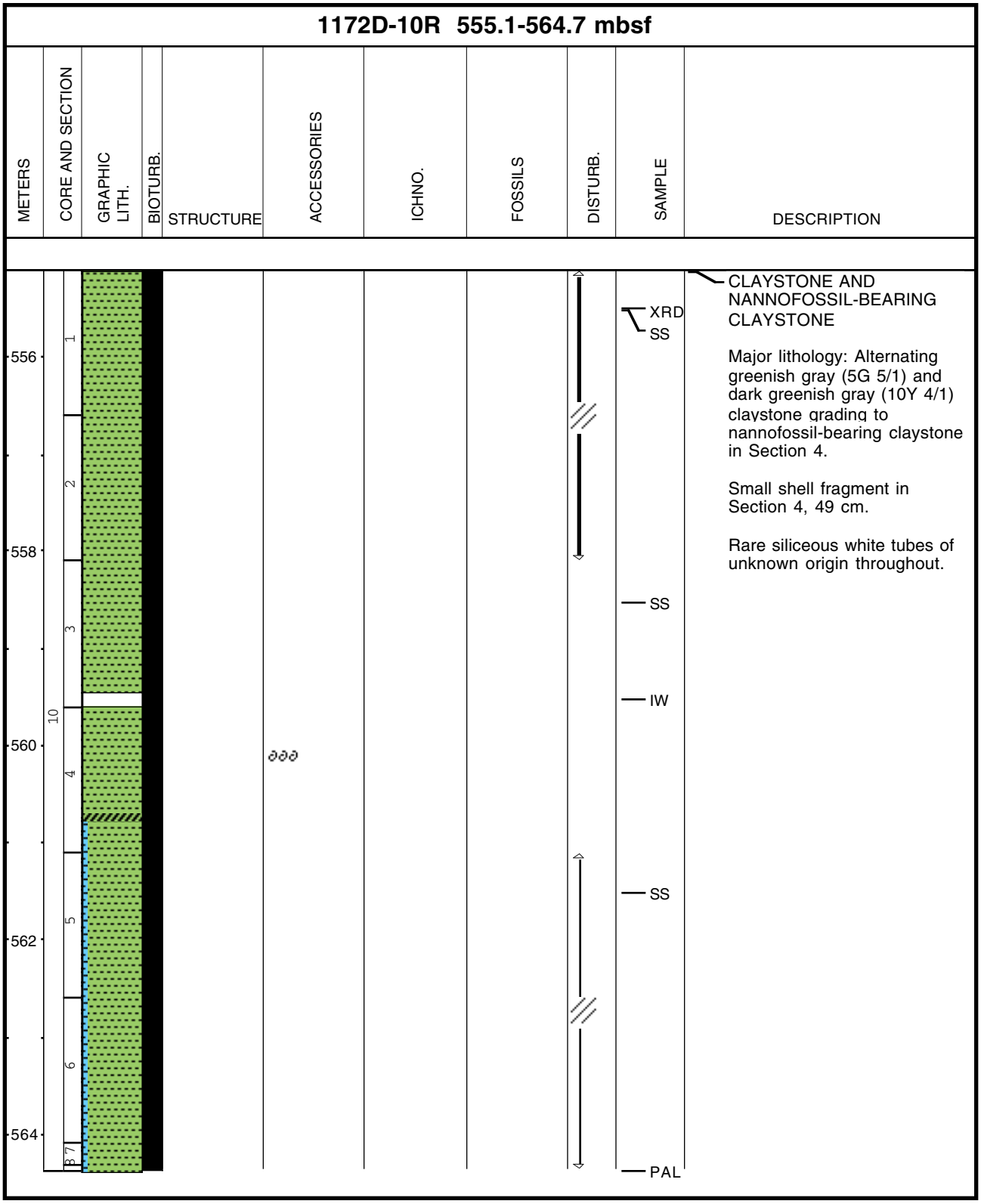
Core Photo


1172D-8R 535.8-545.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
536
538
540
542
544
8
1
2
3
4
5
6
7
GI
SS
XRD
SS
SS
PAL
SILTY CLAYSTONE AND CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) and very dark gray (5Y 3/1) silty claystone grading to claystone downcore.
Greenish gray (10GY 5/1) intervals.
Green grains and small clasts scattered throughout.
Clast with very abundant bioturbation in Section 4, 145 cm.

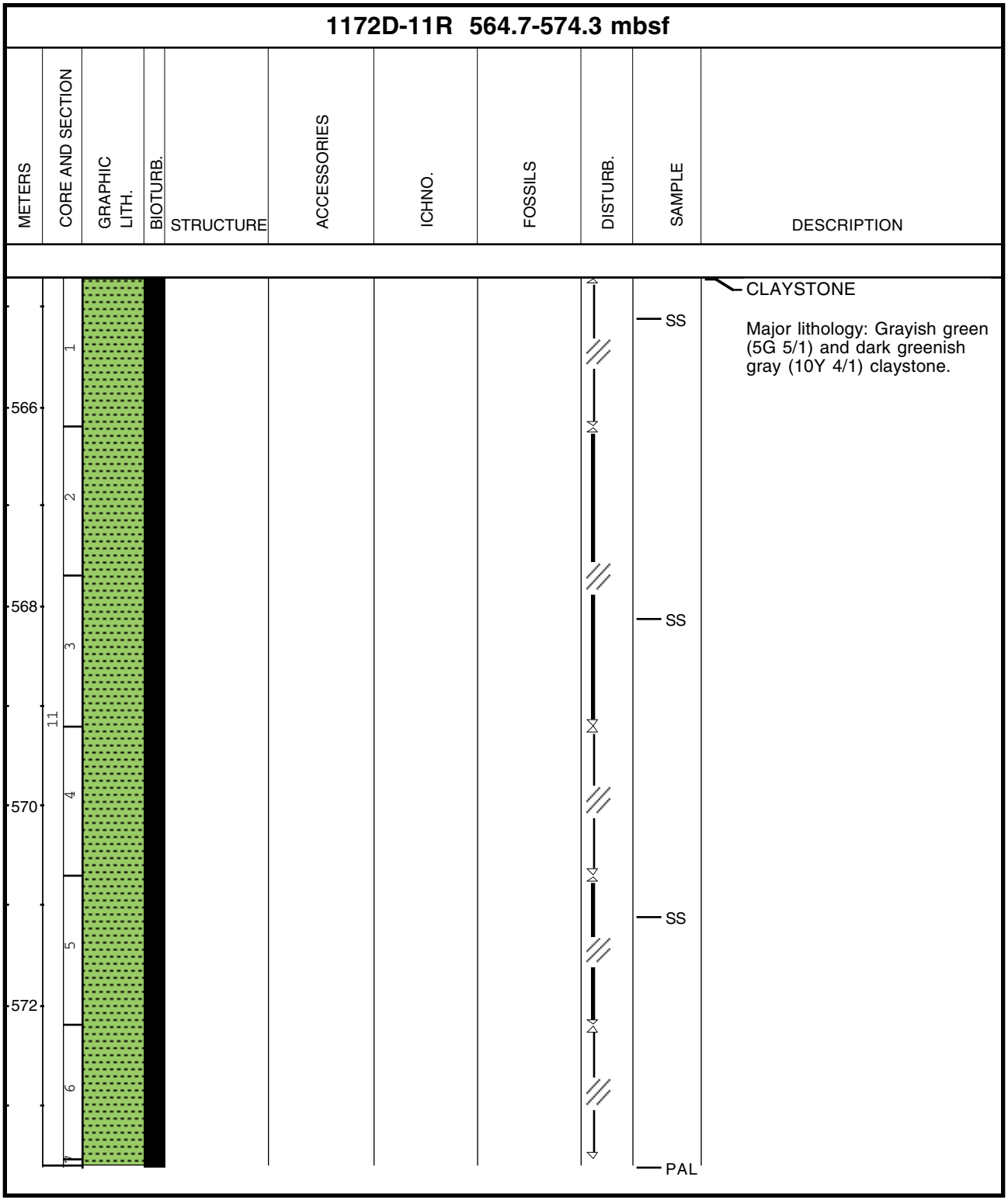
Core Photo


1172D-9R 545.4-555.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
546
548
550
552
554
9
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE AND CLAYSTONE
Major lithology: Very dark grayish brown (2.5Y 3/2) and dark olive gray (5Y 3/2) nannofossil-bearing claystone grading to claystone in Section 2.
Sand-sized green grains scattered throughout.
Rare siliceous tubes of unknown origin throughout.

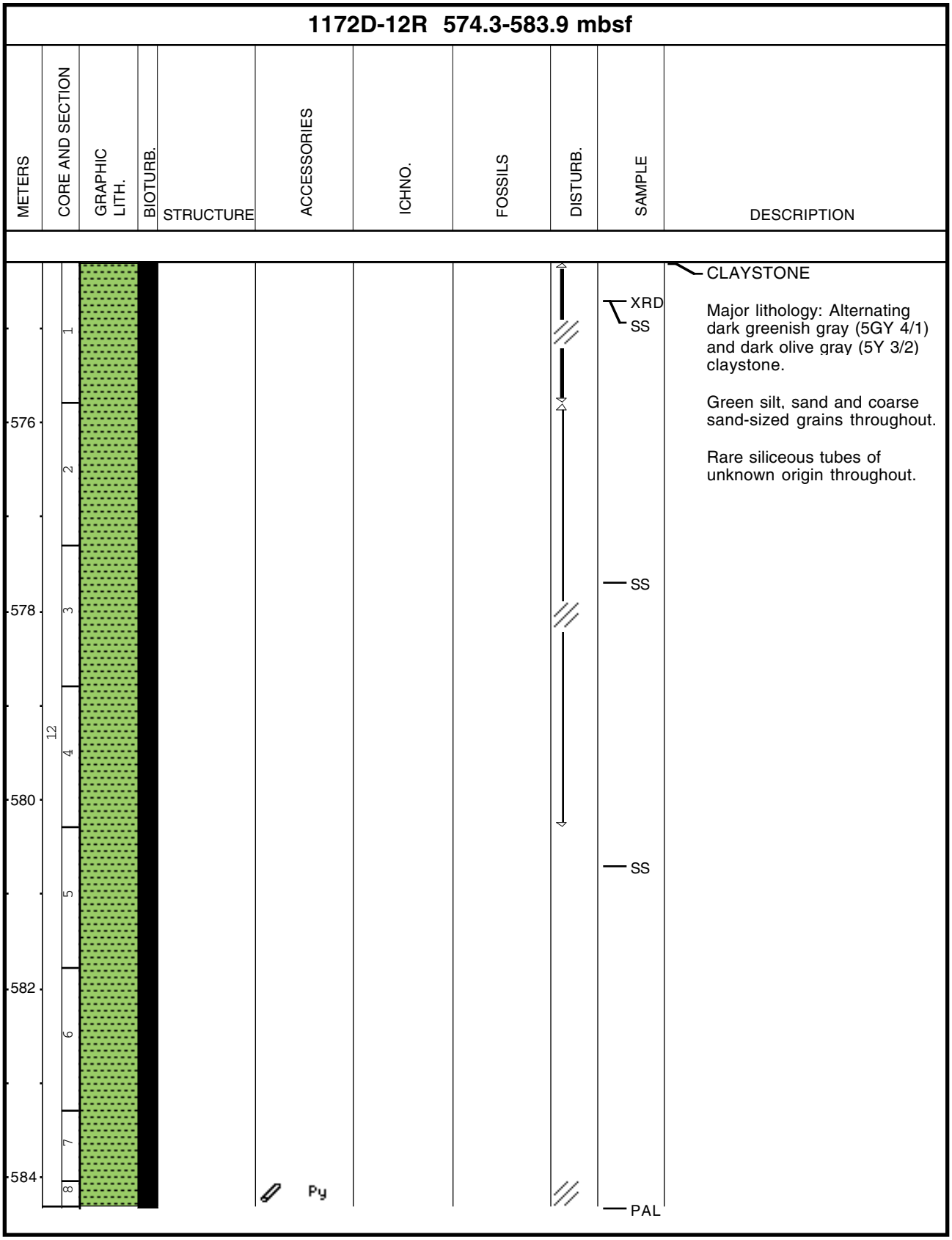
Core Photo


1172D-10R 555.1-564.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
556
558
560
562
564
10
1
2
3
4
5
6
7
CC
XRD
SS
SS
IW
SS
PAL
CLAYSTONE AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Alternating greenish gray (5G 5/1) and dark greenish gray (10Y 4/1) claystone grading to nannofossil-bearing claystone in Section 4.
Small shell fragment in Section 4, 49 cm.
Rare siliceous white tubes of unknown origin throughout.

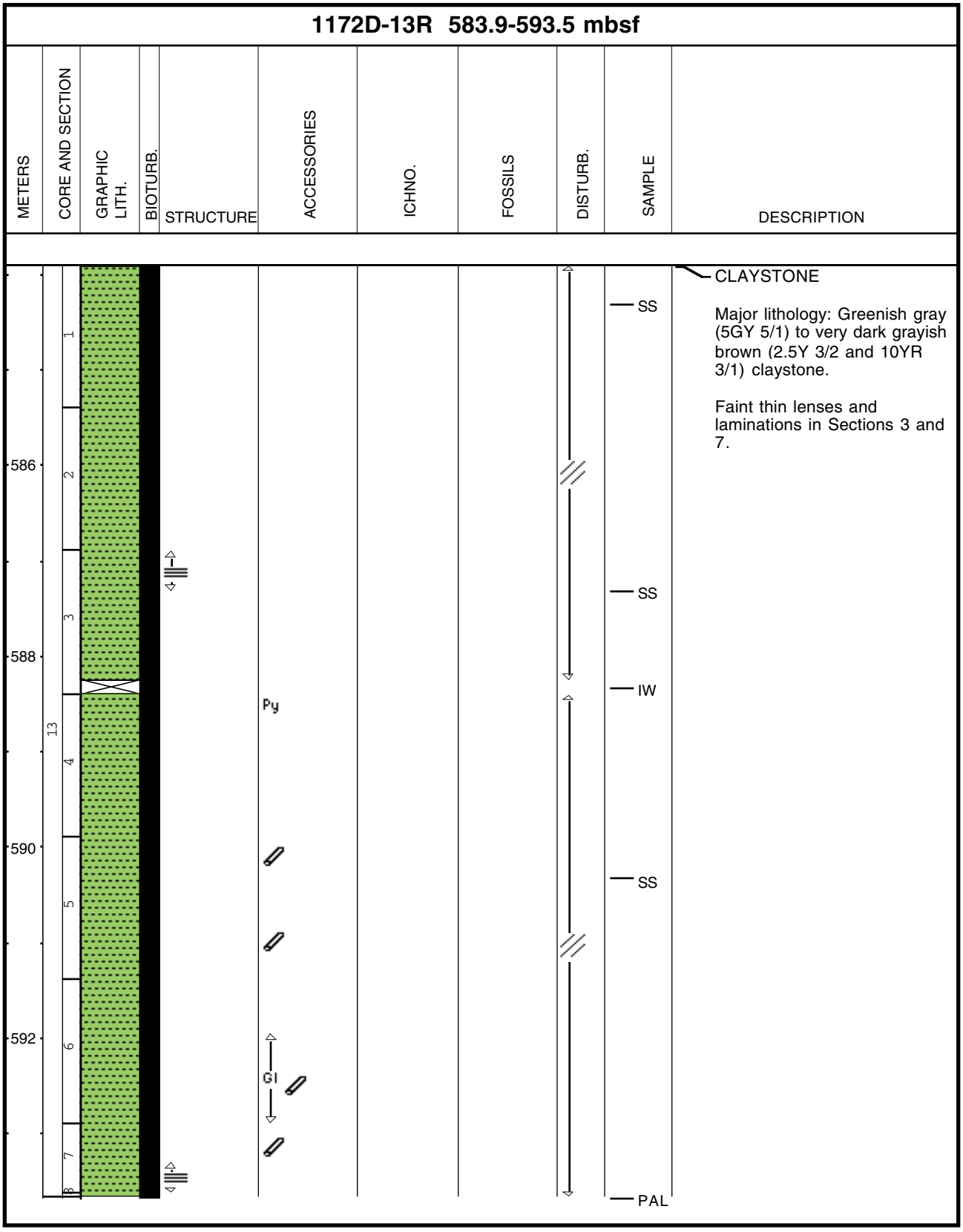
Core Photo


1172D-11R 564.7-574.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
566
568
570
572
11
1
2
3
4
5
6
7
SS
SS
SS
PAL
CLAYSTONE
Major lithology: Grayish green (5G 5/1) and dark greenish gray (10Y 4/1) claystone.

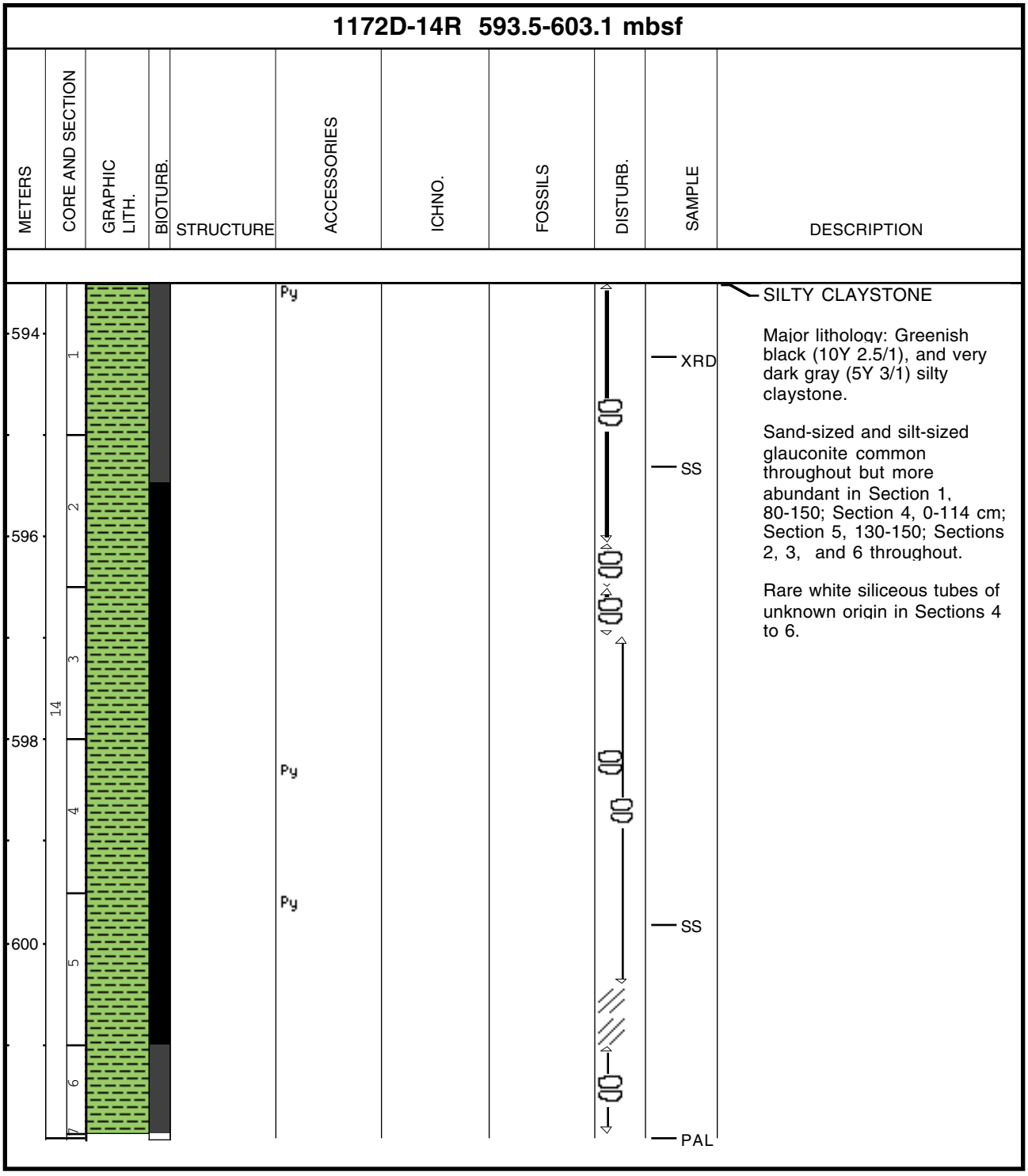
Core Photo


1172D-12R 574.3-583.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
576
578
580
582
584
12
1
2
3
4
5
6
7
8
Py
XRD
SS
SS
SS
PAL
CLAYSTONE
Major lithology: Alternating dark greenish gray (5GY 4/1) and dark olive gray (5Y 3/2) claystone.
Green silt, sand and coarse sand-sized grains throughout.
Rare siliceous tubes of unknown origin throughout.

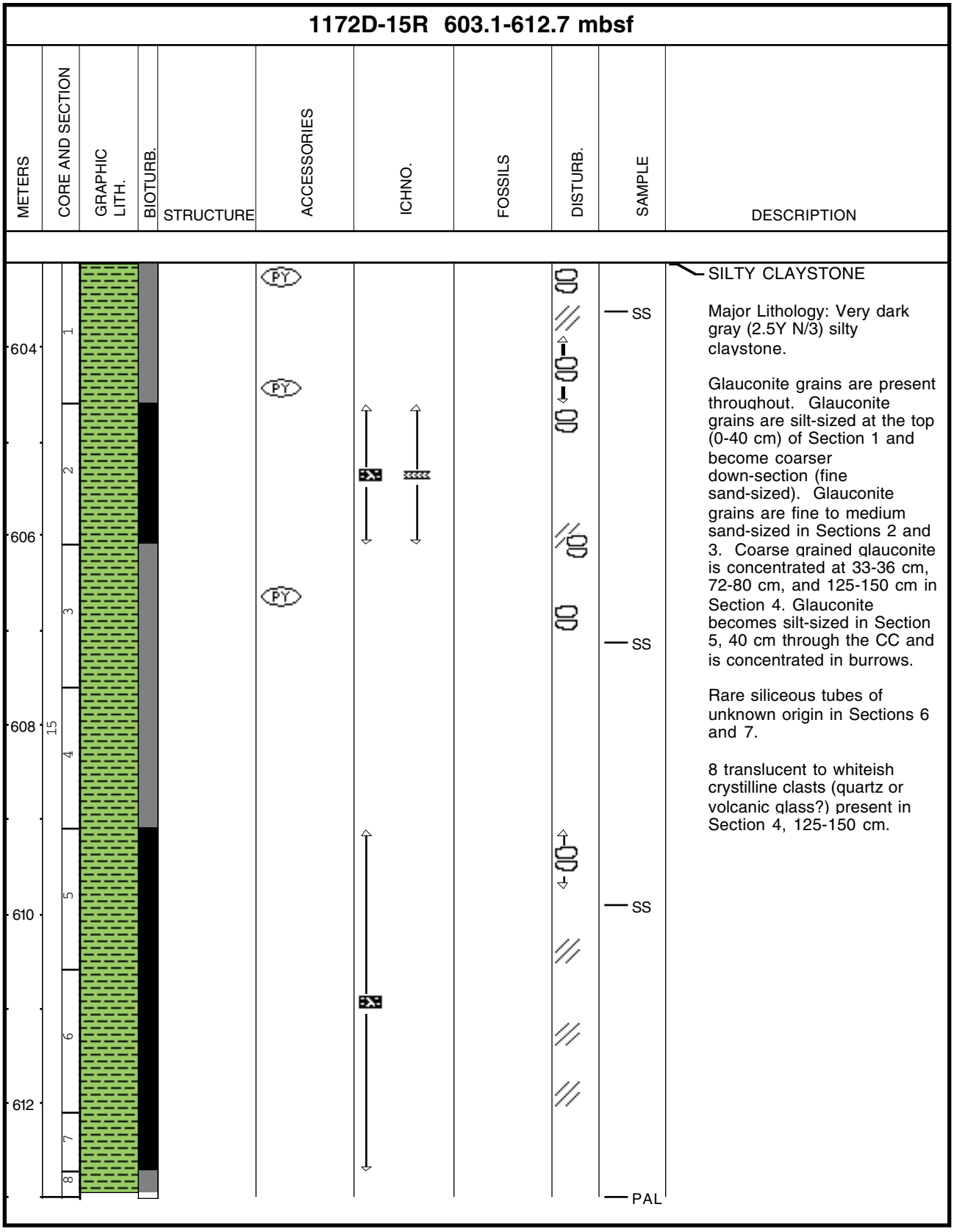
Core Photo


1172D-13R 583.9-593.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
586
588
590
592
13
1
2
3
4
5
6
7
CC
Py
GI
SS
SS
IW
SS
PAL
CLAYSTONE
Major lithology: Greenish gray (5GY 5/1) to very dark grayish brown (2.5Y 3/2 and 10YR 3/1) claystone.
Faint thin lenses and laminations in Sections 3 and 7.

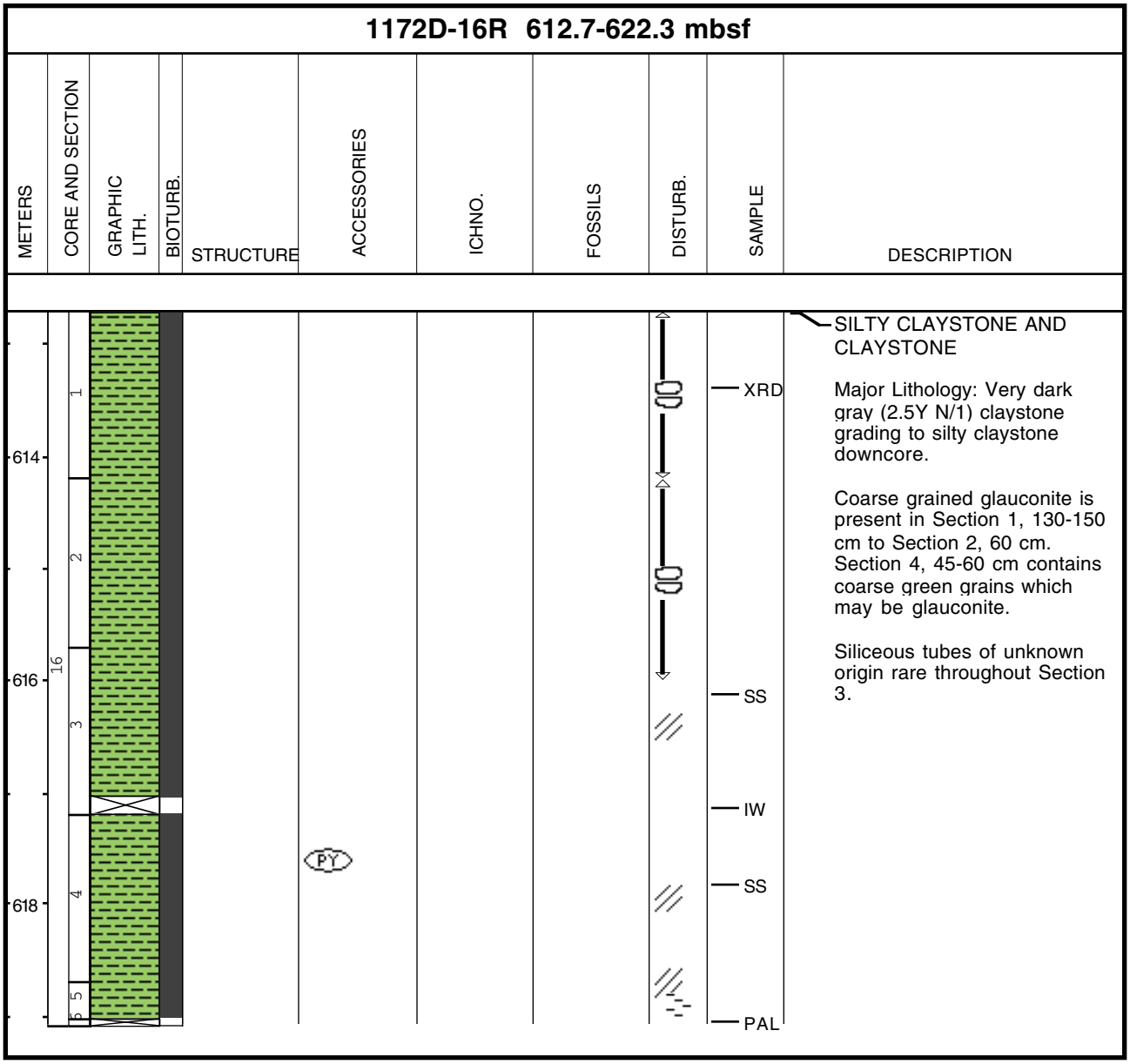
Core Photo


1172D-14R 593.5-603.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
594
596
598
600
14
1
2
3
4
5
6
7
Py
Py
Py
XRD
SS
SS
PAL
SILTY CLAYSTONE
Major lithology: Greenish black (10Y 2.5/1), and very dark gray (5Y 3/1) silty claystone.
Sand-sized and silt-sized glauconite common throughout but more abundant in Section 1, 80-150; Section 4, 0-114 cm; Section 5, 130-150; Sections 2, 3, and 6 throughout.
Rare white siliceous tubes of unknown origin in Sections 4 to 6.

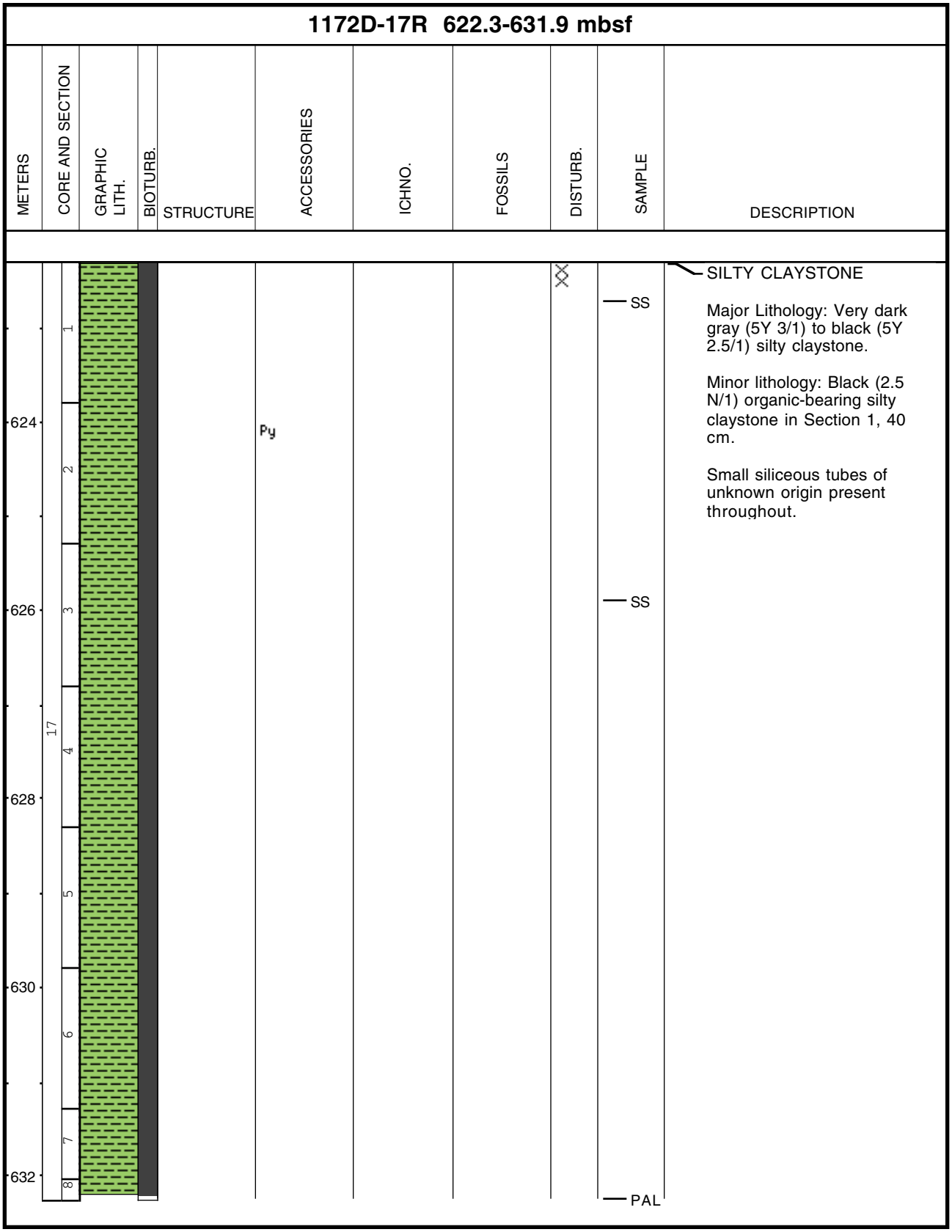
Core Photo


1172D-15R 603.1-612.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
604
606
608
610
612
15
1
2
3
4
5
6
7
8
PY
PY
PY
SS
SS
SS
PAL
SILTY CLAYSTONE
Major Lithology: Very dark gray (2.5Y N/3) silty claystone.
Glauconite grains are present throughout. Glauconite grains are silt-sized at the top (0-40 cm) of Section 1 and become coarser down-section (fine sand-sized). Glauconite grains are fine to medium sand-sized in Sections 2 and 3. Coarse grained glauconite is concentrated at 33-36 cm, 72-80 cm, and 125-150 cm in Section 4. Glauconite becomes silt-sized in Section 5, 40 cm through the CC and is concentrated in burrows.
Rare siliceous tubes of unknown origin in Sections 6 and 7.
8 translucent to whiteish crystilline clasts (quartz or volcanic glass?) present in Section 4, 125-150 cm.

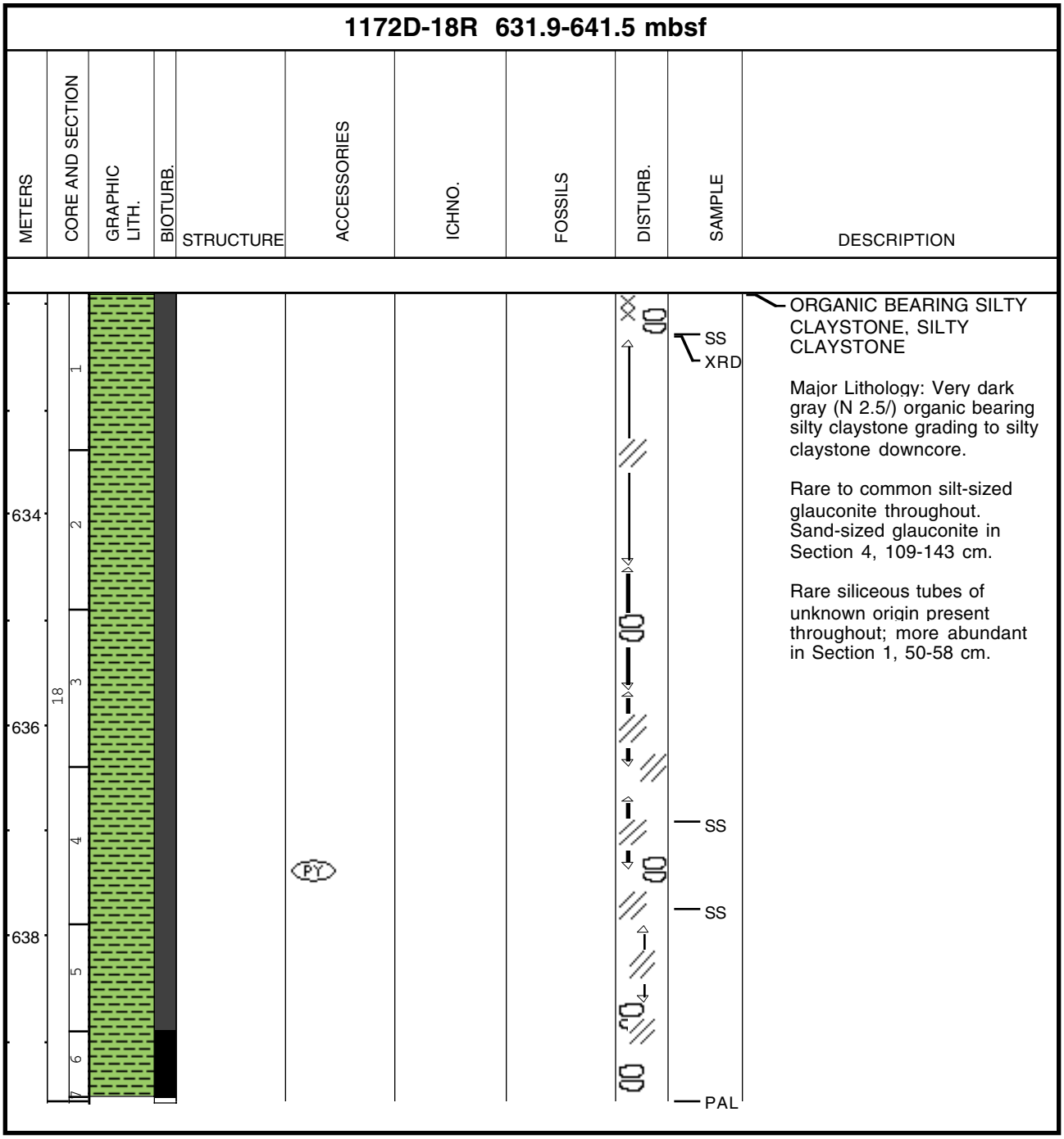
Core Photo


1172D-16R 612.7-622.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
614
616
618
16
1
2
3
4
5
6
PY
XRD
SS
IW
SS
PAL
SILTY CLAYSTONE AND CLAYSTONE
Major Lithology: Very dark gray (2.5Y N/1) claystone grading to silty claystone downcore.
Coarse grained glauconite is present in Section 1, 130-150 cm to Section 2, 60 cm. Section 4, 45-60 cm contains coarse green grains which may be glauconite.
Siliceous tubes of unknown origin rare throughout Section 3.

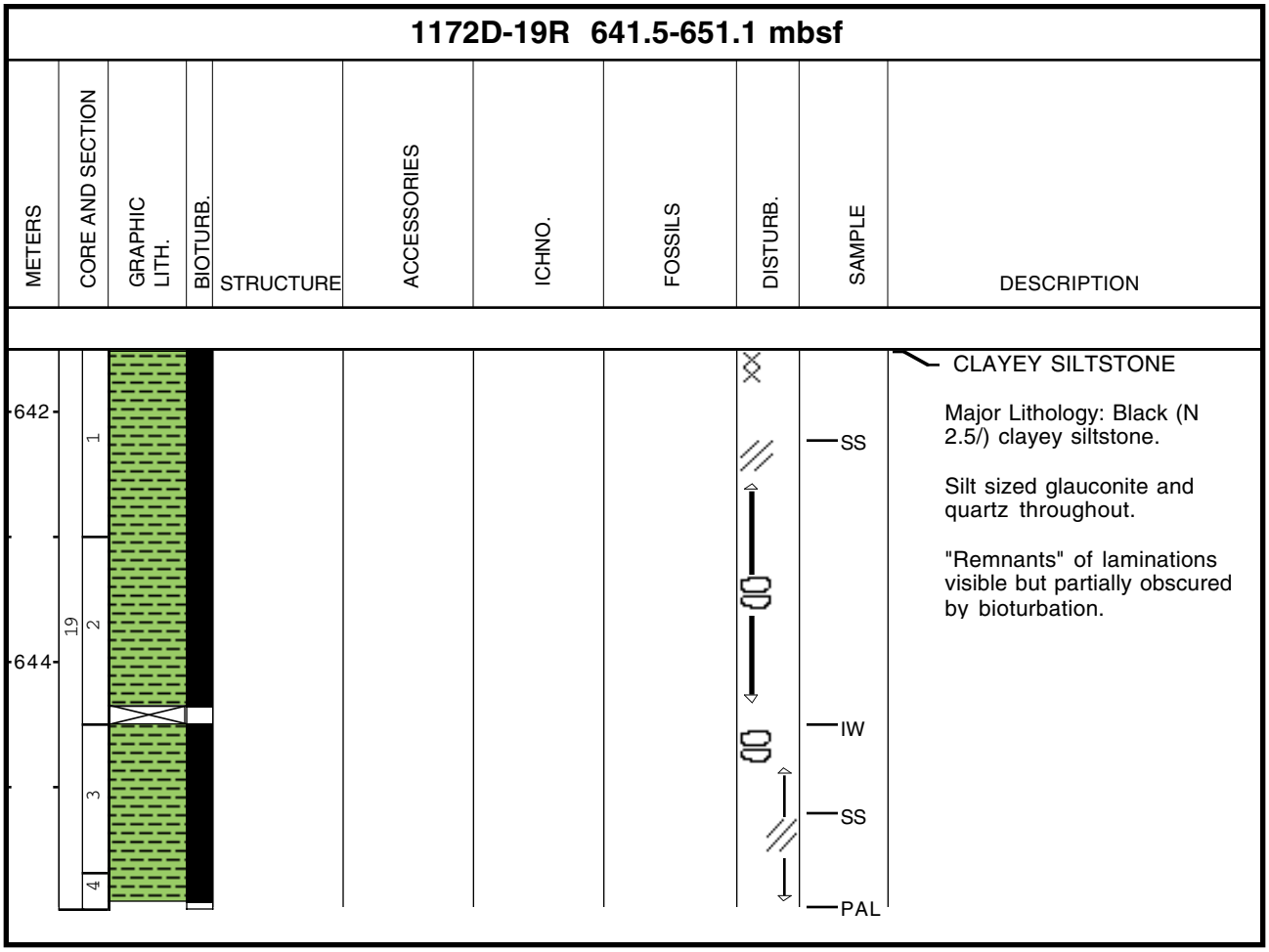
Core Photo


1172D-17R 622.3-631.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
624
626
628
630
632
17
1
2
3
4
5
6
7
8
Py
SS
SS
PAL
SILTY CLAYSTONE
Major Lithology: Very dark gray (5Y 3/1) to black (5Y 2.5/1) silty claystone.
Minor lithology: Black (2.5 N/1) organic-bearing silty claystone in Section 1, 40 cm.
Small siliceous tubes of unknown origin present throughout.

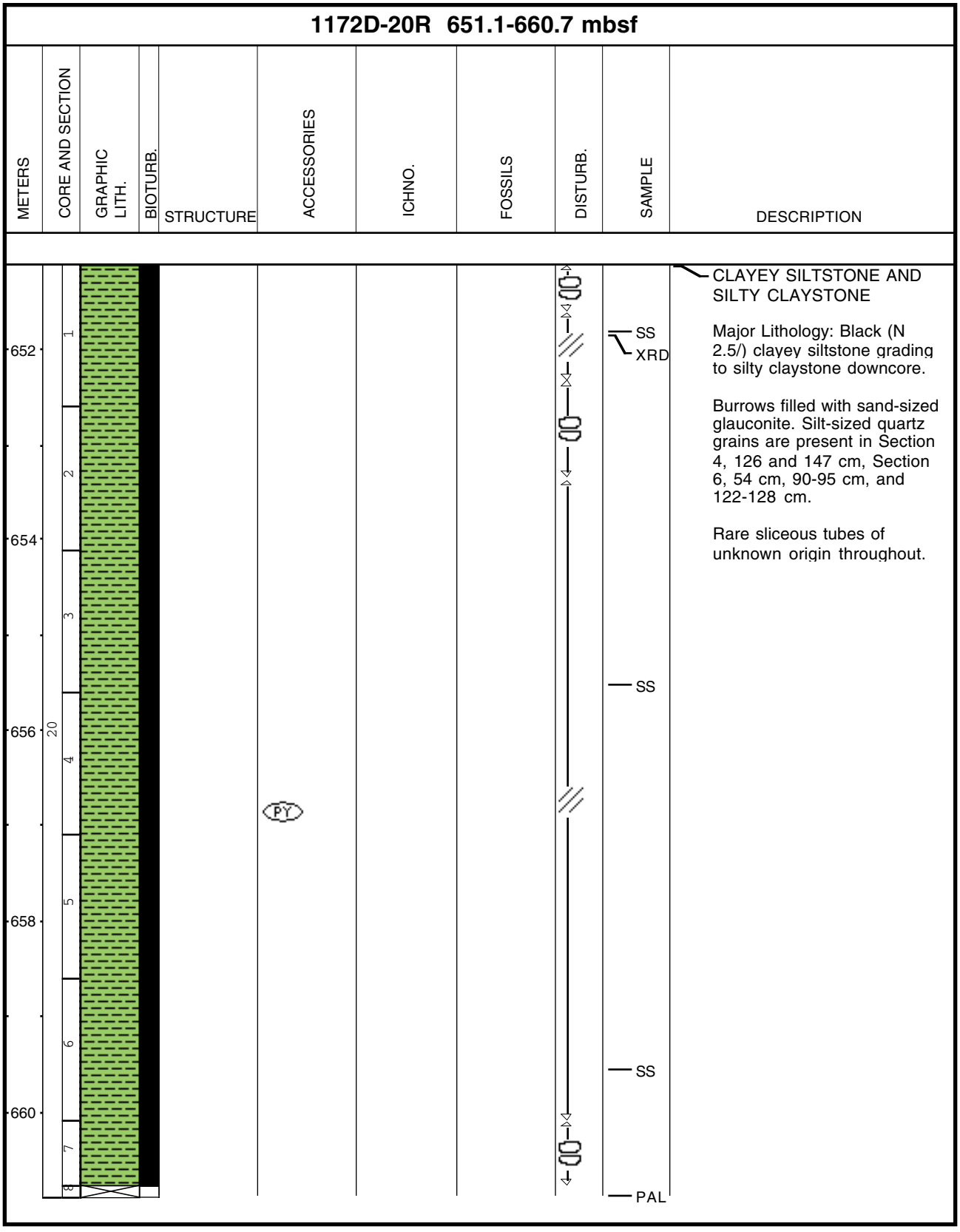
Core Photo


1172D-18R 631.9-641.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
634
636
638
18
1
2
3
4
5
6
7
PY
SS
XRD
SS
SS
PAL
ORGANIC BEARING SILTY CLAYSTONE, SILTY CLAYSTONE
Major Lithology: Very dark gray (N 2.5/) organic bearing silty claystone grading to silty claystone downcore.
Rare to common silt-sized glauconite throughout. Sand-sized glauconite in Section 4, 109-143 cm.
Rare siliceous tubes of unknown origin present throughout; more abundant in Section 1, 50-58 cm.

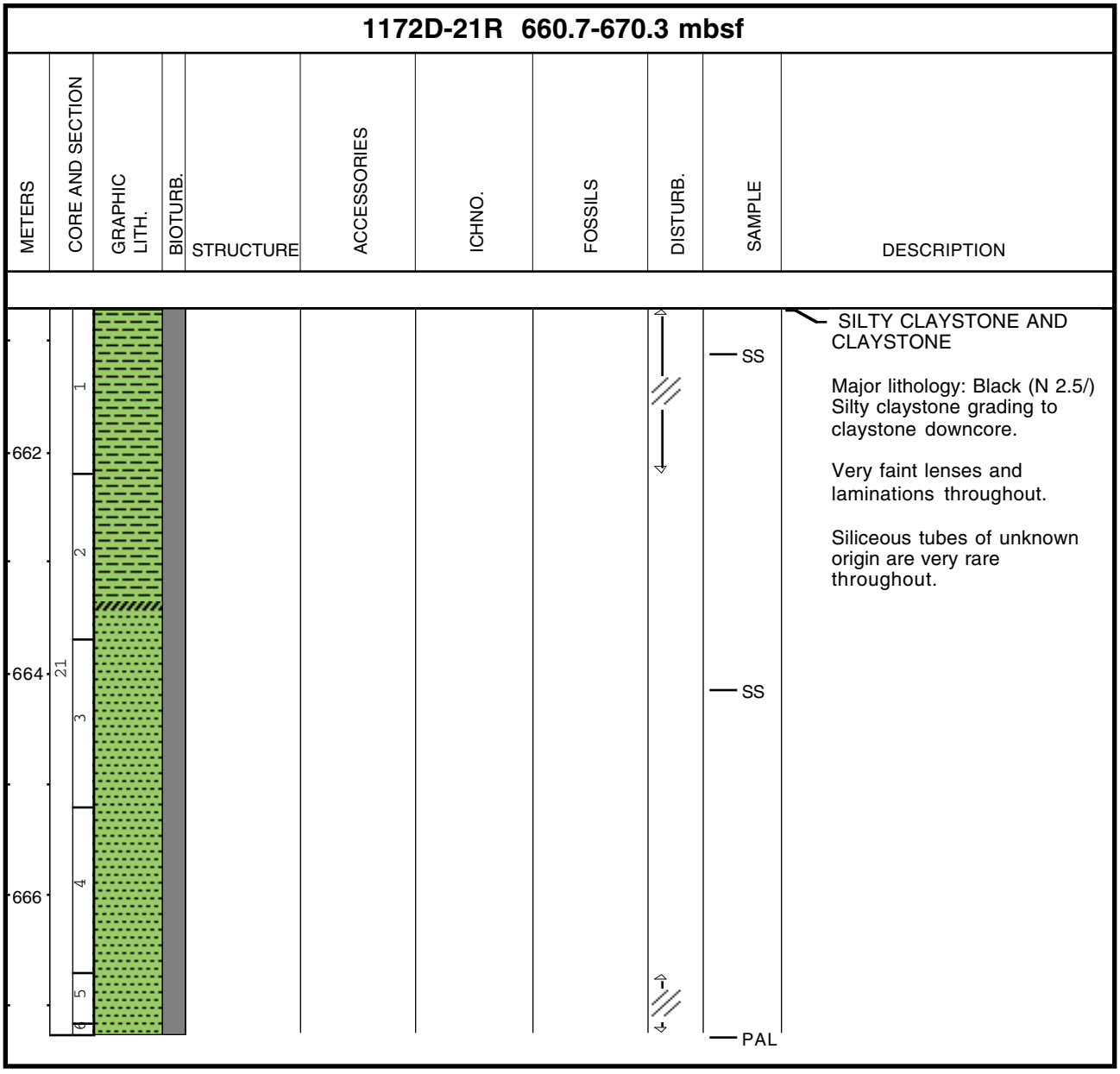
Core Photo


1172D-19R 641.5-651.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
642
644
19
1
2
3
4
SS
IW
SS
PAL
CLAYEY SILTSTONE
Major Lithology: Black (N 2.5/) clayey siltstone.
Silt sized glauconite and quartz throughout.
"Remnants" of laminations visible but partially obscured by bioturbation.

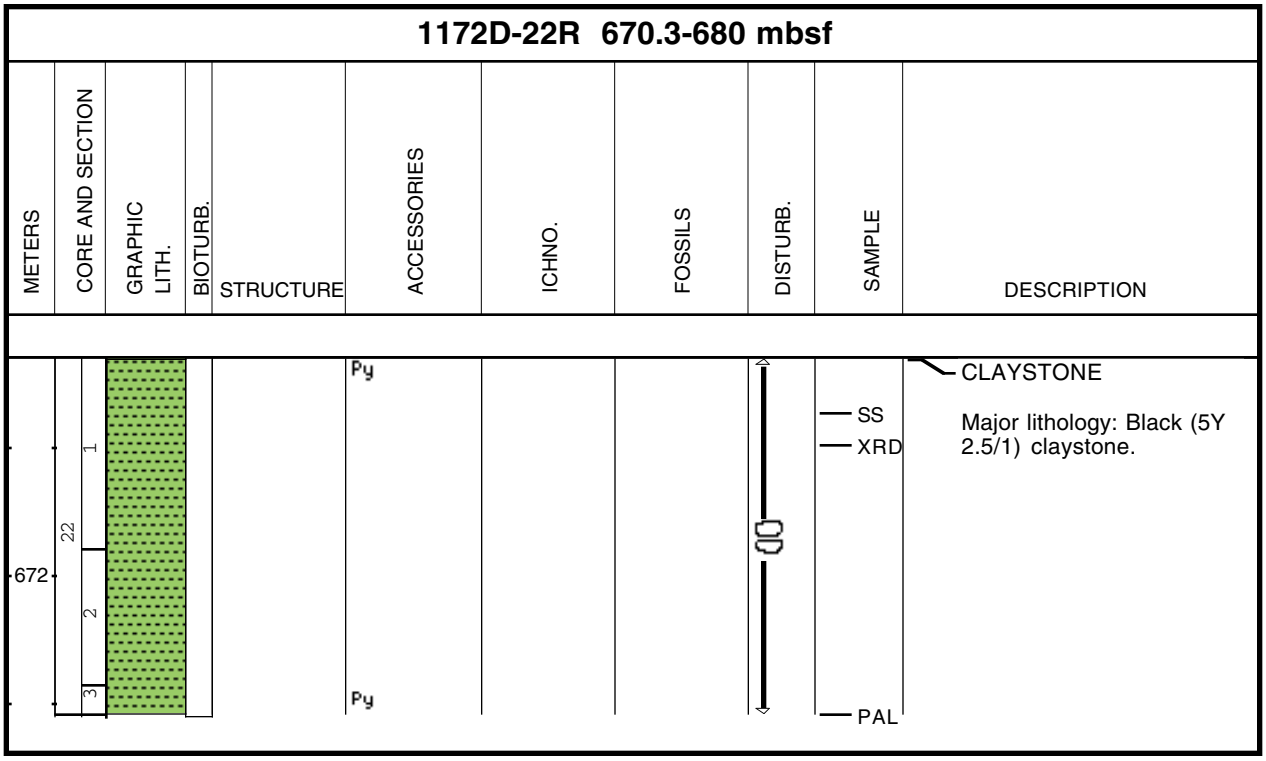
Core Photo


1172D-20R 651.1-660.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
652
654
656
658
660
20
1
2
3
4
5
6
7
8
PY
SS
XRD
SS
SS
PAL
CLAYEY SILTSTONE AND SILTY CLAYSTONE
Major Lithology: Black (N 2.5/) clayey siltstone grading to silty claystone downcore.
Burrows filled with sand-sized glauconite. Silt-sized quartz grains are present in Section 4, 126 and 147 cm, Section 6, 54 cm, 90-95 cm, and 122-128 cm.
Rare sliceous tubes of unknown origin throughout.

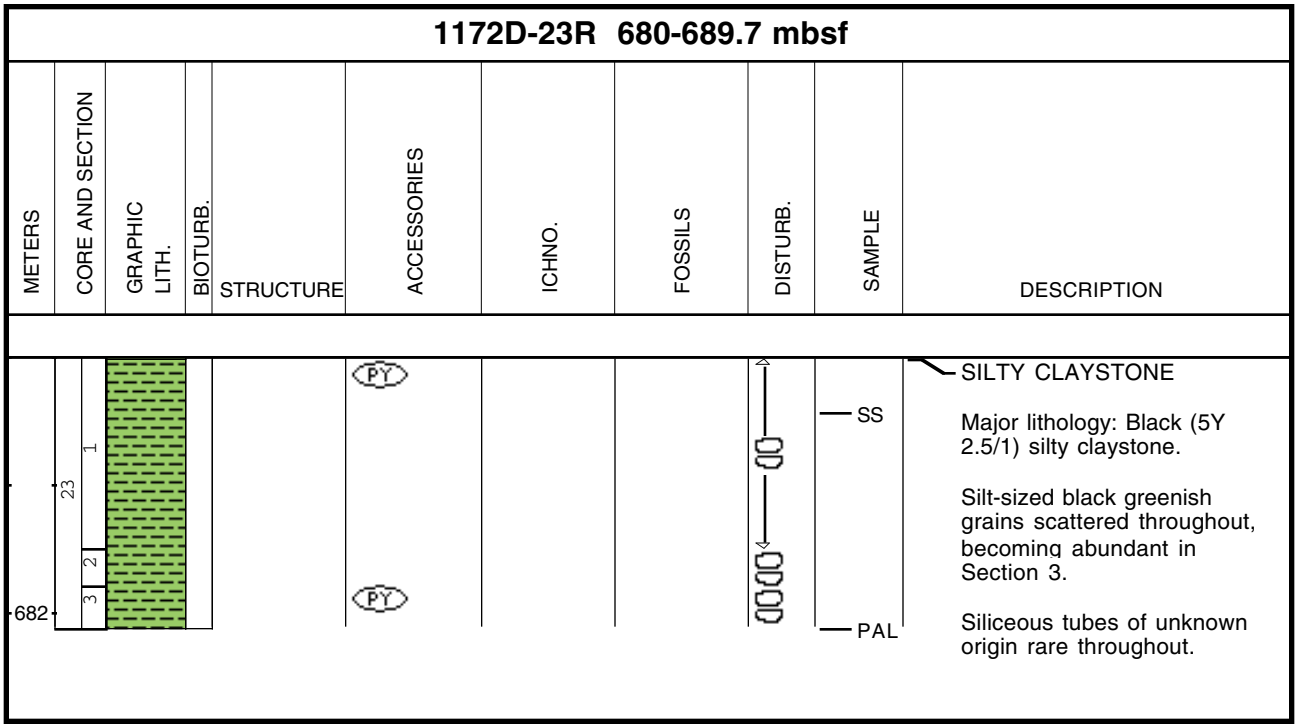
Core Photo


1172D-21R 660.7-670.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
662
664
666
21
1
2
3
4
5
6
SS
SS
PAL
SILTY CLAYSTONE AND CLAYSTONE
Major lithology: Black (N 2.5/) Silty claystone grading to claystone downcore.
Very faint lenses and laminations throughout.
Siliceous tubes of unknown origin are very rare throughout.

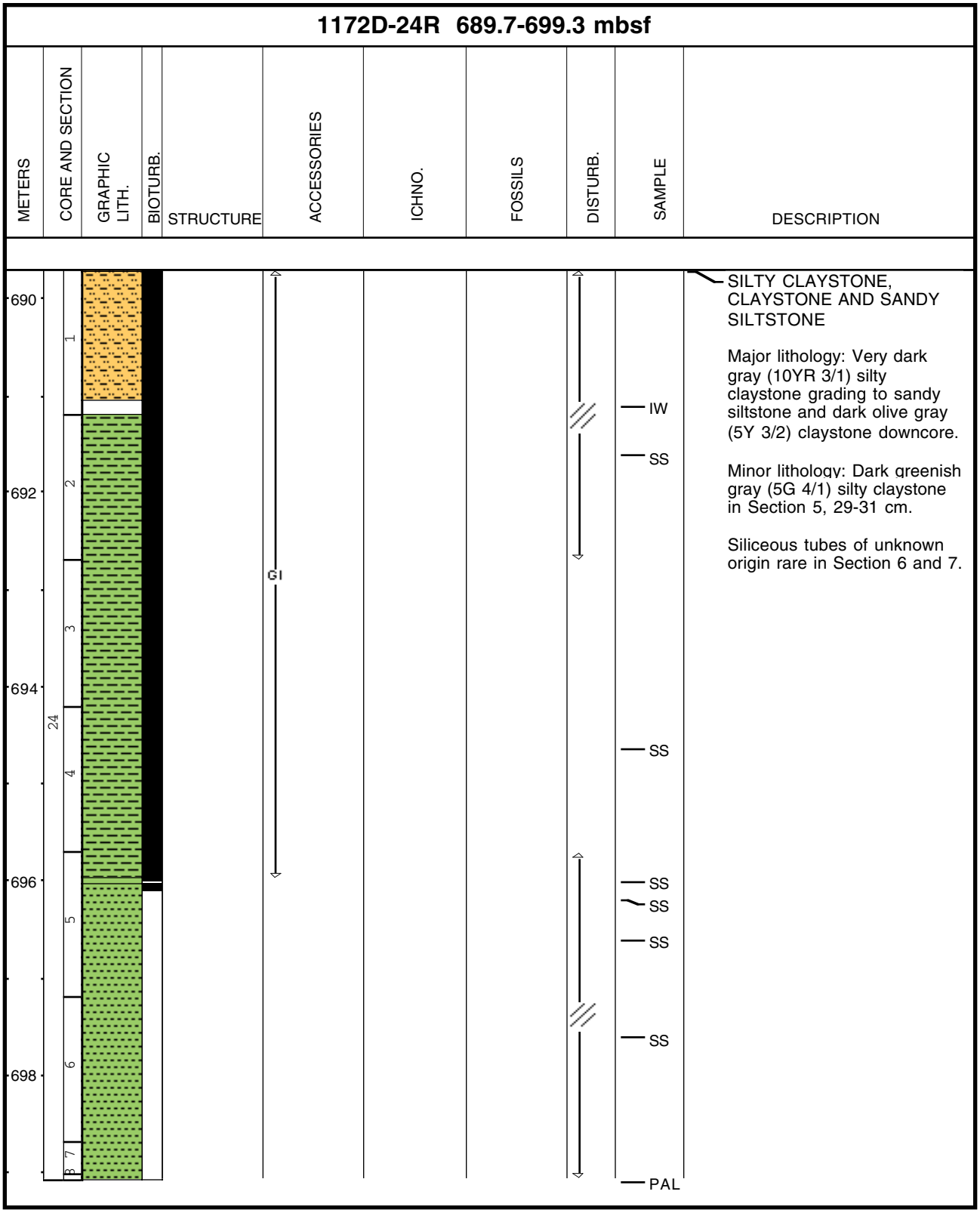
Core Photo


1172D-22R 670.3-680 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
672
22
1
2
3
Py
Py
SS
XRD
PAL
CLAYSTONE
Major lithology: Black (5Y 2.5/1) claystone.

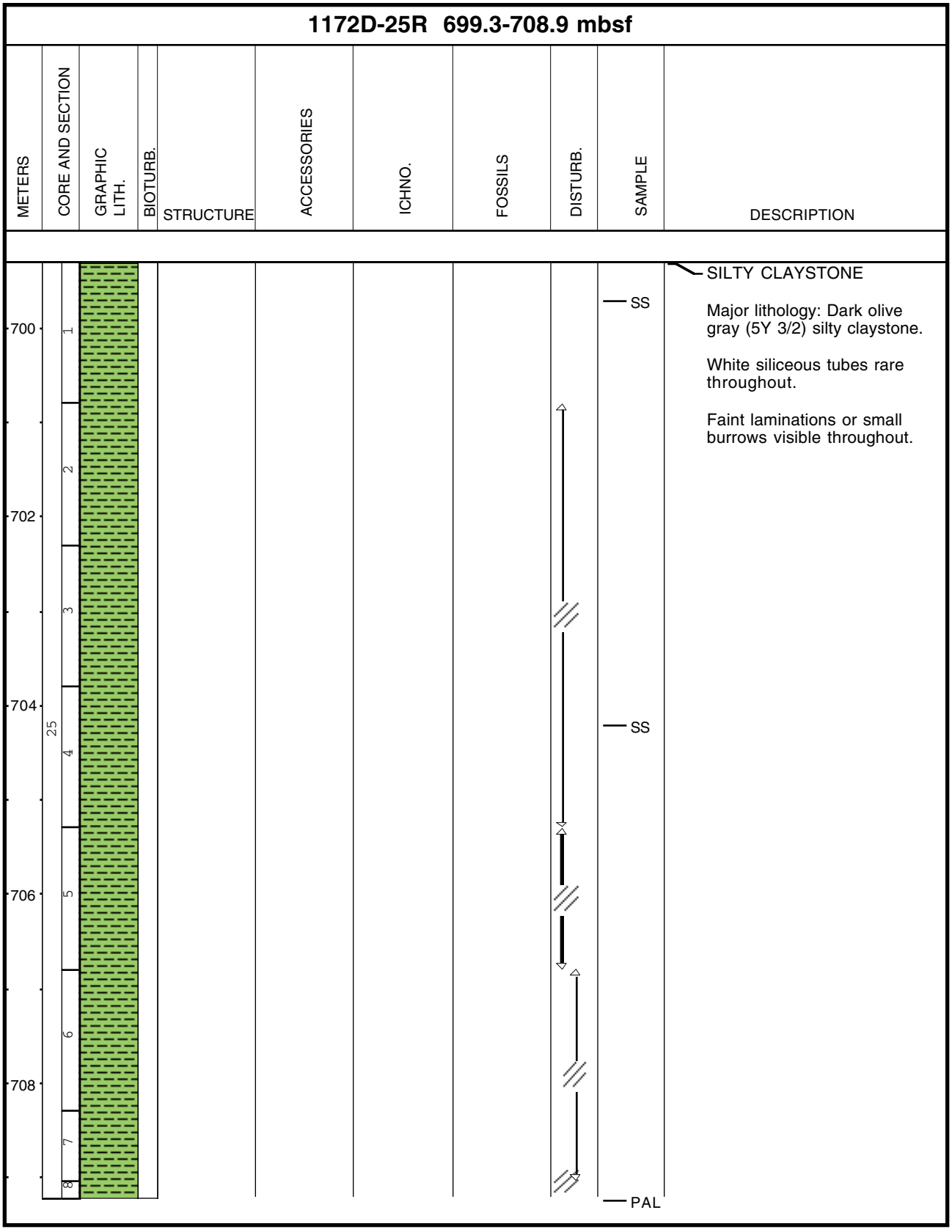
Core Photo


1172D-23R 680-689.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
682
23
1
2
3
PY
PY
SS
PAL
SILTY CLAYSTONE
Major lithology: Black (5Y 2.5/1) silty claystone.
Silt-sized black greenish grains scattered throughout, becoming abundant in Section 3.
Siliceous tubes of unknown origin rare throughout.

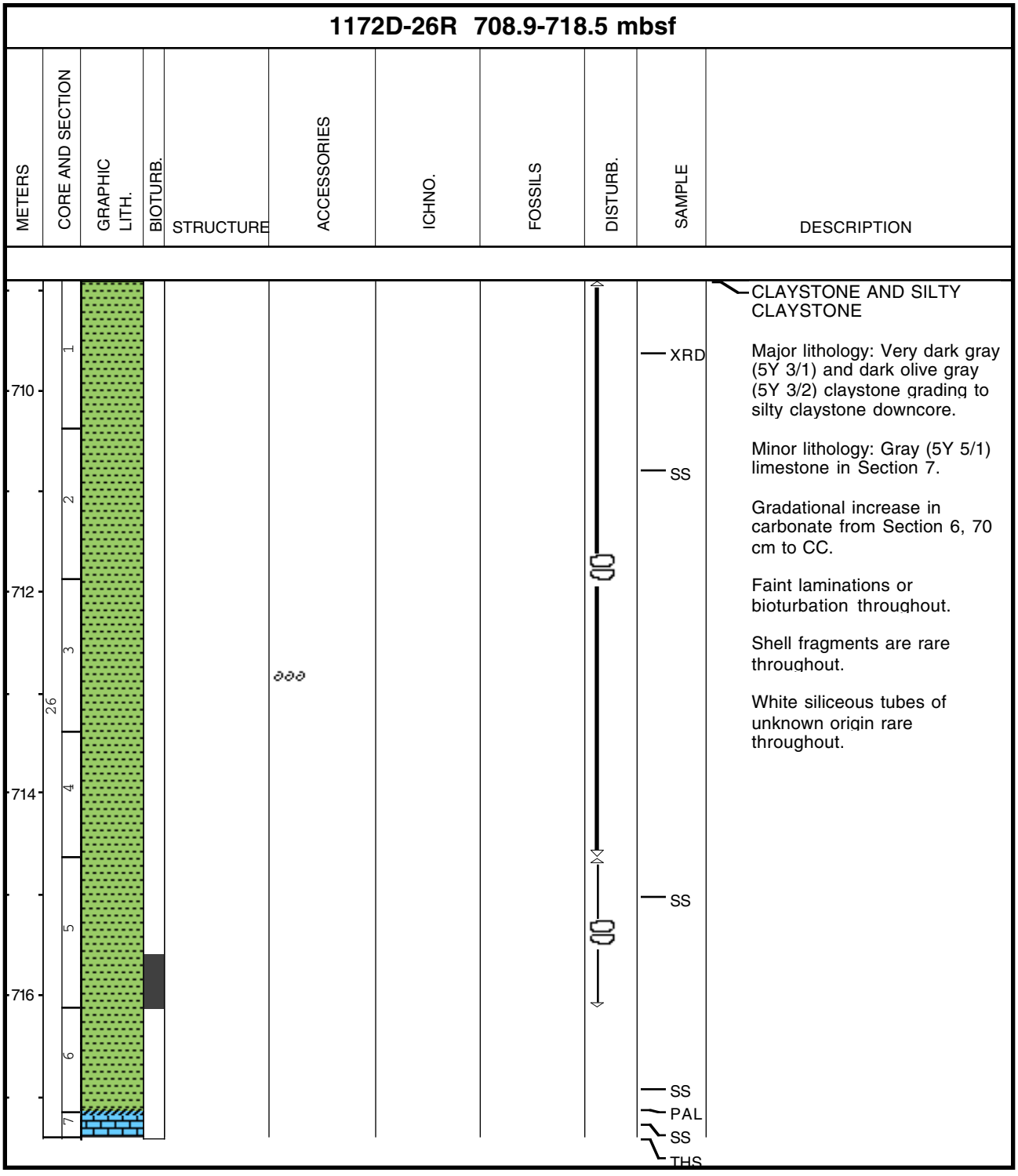
Core Photo


1172D-24R 689.7-699.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
690
692
694
696
698
24
1
2
3
4
5
6
7
CC
GI
IW
SS
SS
SS
SS
SS
SS
PAL
SILTY CLAYSTONE, CLAYSTONE AND SANDY SILTSTONE
Major lithology: Very dark gray (10YR 3/1) silty claystone grading to sandy siltstone and dark olive gray (5Y 3/2) claystone downcore.
Minor lithology: Dark greenish gray (5G 4/1) silty claystone in Section 5, 29-31 cm.
Siliceous tubes of unknown origin rare in Section 6 and 7.

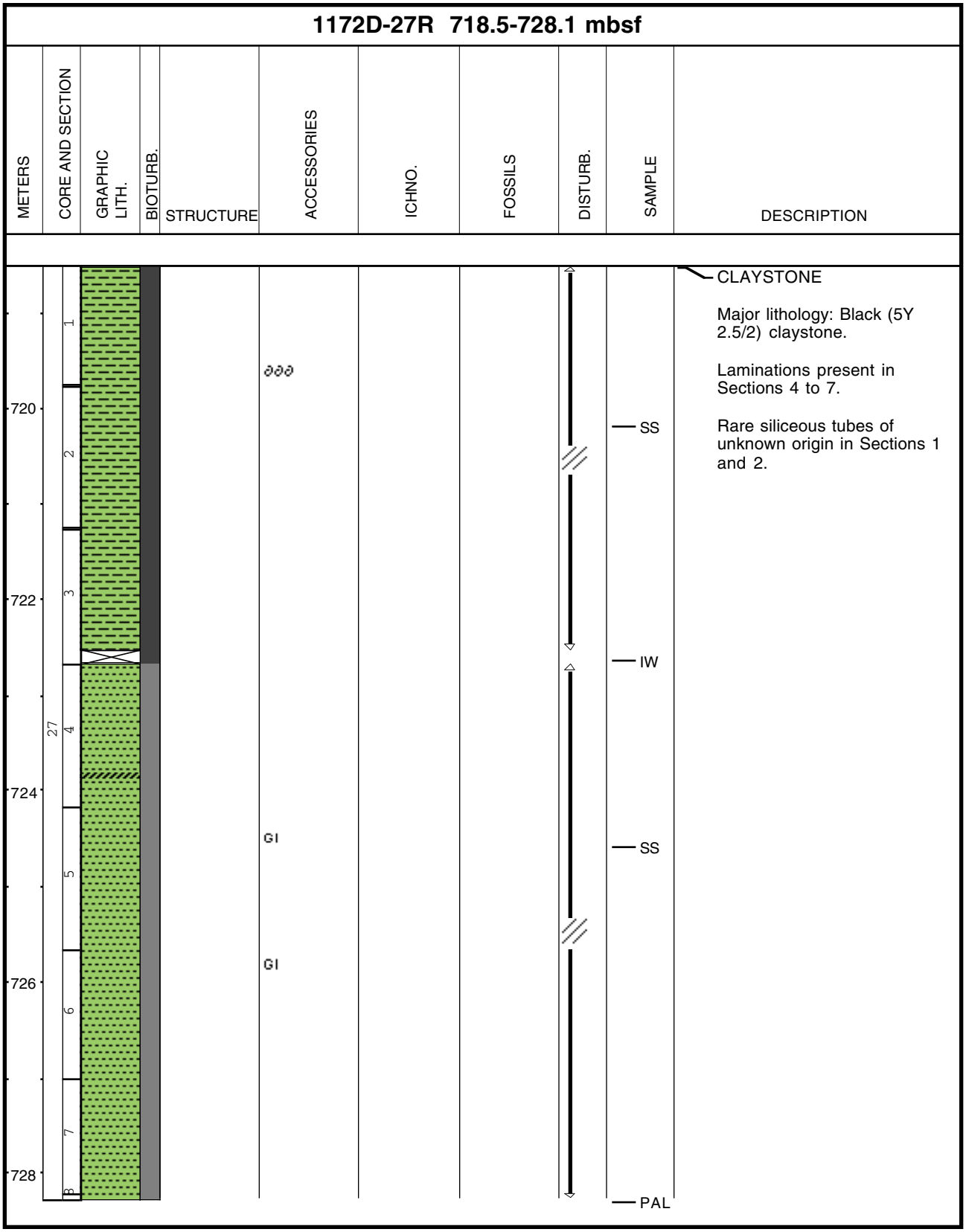
Core Photo


1172D-25R 699.3-708.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
700
702
704
706
708
25
1
2
3
4
5
6
7
8
SS
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) silty claystone.
White siliceous tubes rare throughout.
Faint laminations or small burrows visible throughout.

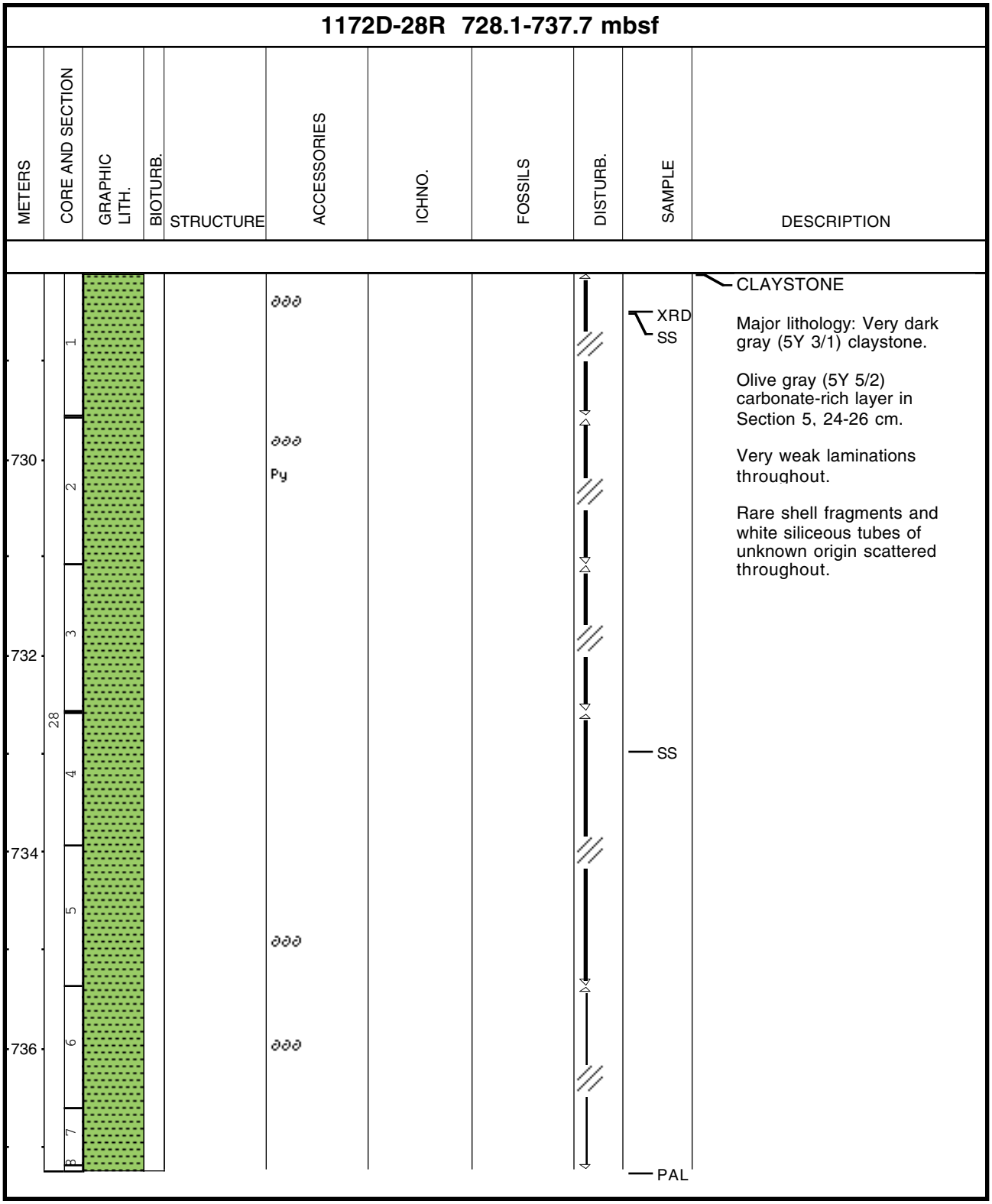
Core Photo


1172D-26R 708.9-718.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
710
712
714
716
26
1
2
3
4
5
6
7
XRD
SS
SS
SS
PAL
SS
THS
CLAYSTONE AND SILTY CLAYSTONE
Major lithology: Very dark gray (5Y 3/1) and dark olive gray (5Y 3/2) claystone grading to silty claystone downcore.
Minor lithology: Gray (5Y 5/1) limestone in Section 7.
Gradational increase in carbonate from Section 6, 70 cm to CC.
Faint laminations or bioturbation throughout.
Shell fragments are rare throughout.
White siliceous tubes of unknown origin rare throughout.

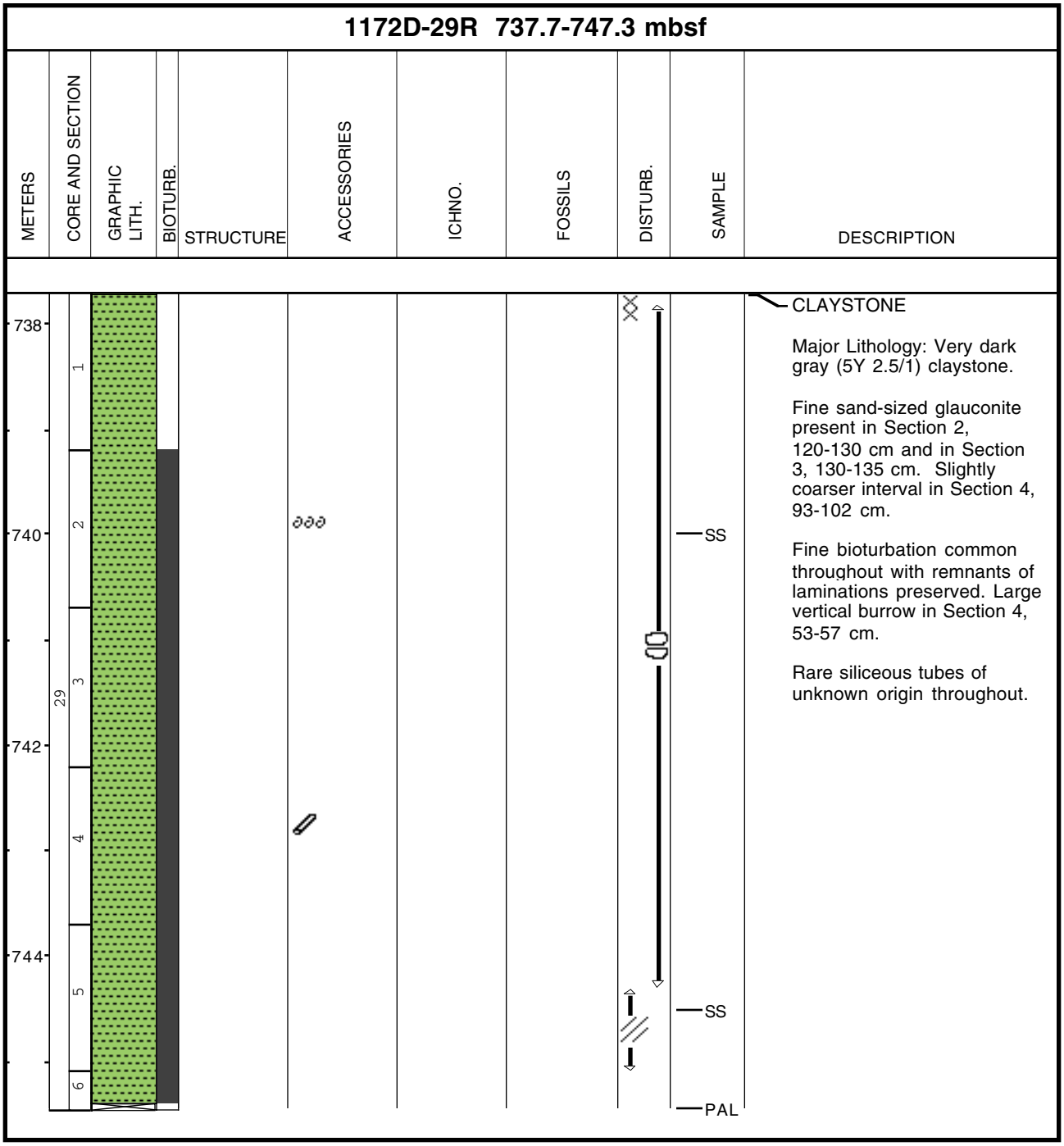
Core Photo


1172D-27R 718.5-728.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
720
722
724
726
728
27
1
2
3
4
5
6
7
CC
GI
GI
SS
IW
SS
PAL
CLAYSTONE
Major lithology: Black (5Y 2.5/2) claystone.
Laminations present in Sections 4 to 7.
Rare siliceous tubes of unknown origin in Sections 1 and 2.

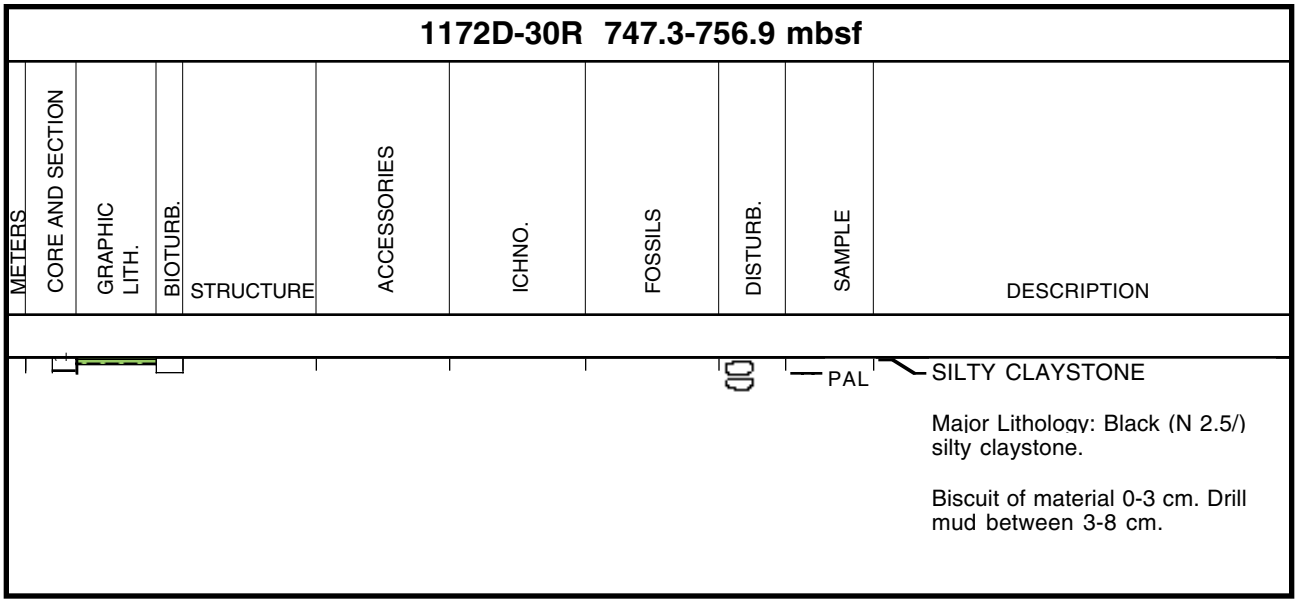
Core Photo


1172D-28R 728.1-737.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
730
732
734
736
28
1
2
3
4
5
6
7
CC
Py
XRD
SS
SS
PAL
CLAYSTONE
Major lithology: Very dark gray (5Y 3/1) claystone.
Olive gray (5Y 5/2) carbonate-rich layer in Section 5, 24-26 cm.
Very weak laminations throughout.
Rare shell fragments and white siliceous tubes of unknown origin scattered throughout.

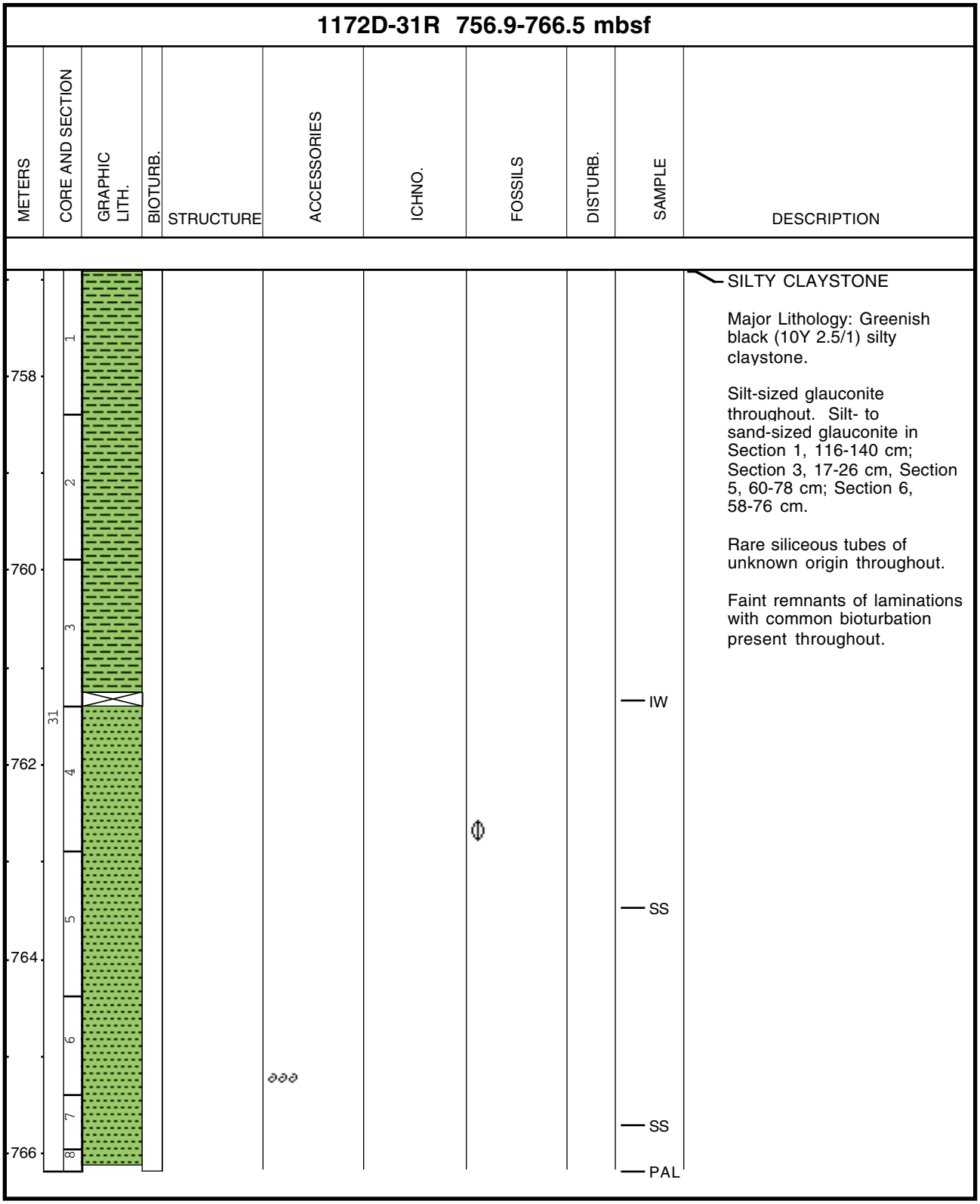
Core Photo


1172D-29R 737.7-747.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
738
740
742
744
29
1
2
3
4
5
6
SS
SS
PAL
CLAYSTONE
Major Lithology: Very dark gray (5Y 2.5/1) claystone.
Fine sand-sized glauconite present in Section 2, 120-130 cm and in Section 3, 130-135 cm. Slightly coarser interval in Section 4, 93-102 cm.
Fine bioturbation common throughout with remnants of laminations preserved. Large vertical burrow in Section 4, 53-57 cm.
Rare siliceous tubes of unknown origin throughout.

Core Photo


1172D-30R 747.3-756.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
PAL
SILTY CLAYSTONE
Major Lithology: Black (N 2.5/) silty claystone.
Biscuit of material 0-3 cm. Drill mud between 3-8 cm.

Core Photo


1172D-31R 756.9-766.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
758
760
762
764
766
31
1
2
3
4
5
6
7
8
IW
SS
SS
PAL
SILTY CLAYSTONE
Major Lithology: Greenish black (10Y 2.5/1) silty claystone.
Silt-sized glauconite throughout. Silt- to sand-sized glauconite in Section 1, 116-140 cm; Section 3, 17-26 cm, Section 5, 60-78 cm; Section 6, 58-76 cm.
Rare siliceous tubes of unknown origin throughout.
Faint remnants of laminations with common bioturbation present throughout.

Sample							Texture			Mineral								Biogenic										Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Diatoms	Dinoflagellate	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Lithic Fragments	Rock Fragment	Comments
1172																													
A	1	H	1	3	0.03	M			100		1	5				2		2		30	56	1		3					Foraminifer nannofossil ooze
A	1	H	2	60	2.1	D			100		2	2			1	2		2		50	40			1					Nannofossil foraminifer ooze
A	1	H	5	3	5.73	D			100		1				1	1				15	82								Foraminifer-bearing nannofossil ooze
A	2	H	2	77	8.57	D			100		1	5			1			1		25	63	1		3					Foraminifer nannofossil ooze
A	2	H	4	77	11.57	D			100		1	5			1					40	52			1					Foraminifer nannofossil ooze
A	2	H	7	30	15.6	D			100		1	2			1	1		1		30	61	1		2					Foraminifer nannofossil ooze
A	3	H	1	40	16.2	D			100	4					1	1				13	69	1		3	8				Foraminifer-bearing nannofossil ooze
A	3	H	3	40	19.2	D			100	2										17	73	1		2	5				Foraminifer-bearing nannofossil ooze
A	3	H	5	40	22.2	D			100	1					3					12	75			1	8				Foraminifer-bearing nannofossil ooze
A	4	H	1	40	25.7	D			100	3					2					7	81	1		2	4				Nannofossil ooze
A	4	H	3	40	28.7	D			100	3					2	2				6	78			3	5			1	Nannofossil ooze
A	4	H	5	40	31.7	D			100	2					3	1				4	84			3	3				Nannofossil ooze
A	5	H	1	40	35.2	D			100	2	1				3					4	82			2	6				Nannofossil ooze
A	5	H	3	40	38.2	D			100	1					3	1				3	86	1		2	3				Nannofossil ooze
A	5	H	5	40	41.2	D			100	3					2					3	86			1	4			1	Nannofossil ooze
A	6	H	1	40	44.7	D			100	2					2					5	90				1				Nannofossil ooze
A	6	H	3	40	47.7	D			100	1					3					7	87				2				Nannofossil ooze
A	6	H	5	40	50.7	D			100	1					2	1				11	81				4				Foraminifer-bearing nannofossil ooze
A	7	H	1	40	54.2	D			100	2					2					7	86			1	2				Nannofossil ooze
A	7	H	3	40	57.2	D			100	2	1				2					12	80				3				Foraminifer-bearing nannofossil ooze
A	7	H	5	40	60.2	D			100	2				1	1					6	87				3				Nannofossil ooze
A	8	H	1	40	63.7	D			100	1	1				1					10	84				3				Foraminifer-bearing nannofossil ooze
A	8	H	3	40	66.7	D			100	1										3	94				2				Nannofossil ooze
A	8	H	5	40	69.7	D			100	1					2		4			5	87				1				Nannofossil ooze
A	9	H	5	40	79.2	D			100	1	1	2			1	1				7	86			1					Nannofossil ooze
A	10	H	3	40	85.7	D			100		3	7			2	3					85								Nannofossil ooze
A	11	H	3	63	95.43	D			100	1	1	2			1	1				5	88			1					Nannofossil ooze
A	11	H	5	61	98.41	D			100	1	1	7			1					7	81			2					Nannofossil ooze
A	12	H	1	89	102.19	D			100		3	7			1	1				1	86			1					Nannofossil ooze
A	12	H	3	82	105.12	D			100			7			1	3				3	84			2					Nannofossil ooze
A	12	H	6	70	109.5	D			100		7	7			1	1				2	80			2					Nannofossil ooze
A	13	H	1	70	111.5	D			100		1	2			1					3	91	1		1					Nannofossil ooze
A	13	H	3	70	114.5	D			100		1	5			1					2	89			2					Nannofossil ooze
A	13	H	5	70	117.5	D			100	1	2				2	1		1		6	85	1		1					Nannofossil ooze
A	14	H	1	50	120.8	D			100	1	2	3			1	1		1		3	84	1		3					Nannofossil ooze
A	14	H	3	100	124.3	D			100		3	2				1		5		5	81	1		2					Nannofossil ooze
A	14	H	5	140	127.7	D			100		3	3				1		1		3	84	2		3					Nannofossil ooze
A	15	H	1	40	130.2	D			100	1										2	92	1		3	1				Nannofossil ooze
A	15	H	3	40	133.2	D			100	1					1					2	91	1		3	1				Nannofossil ooze
A	15	H	5	40	136.2	D			100						1					2	95			2					Nannofossil ooze
A	16	H	1	40	139.7	D			100											2	96			2					Nannofossil ooze
A	16	H	3	40	142.7	D			100	2	1	1			2			2		5	79	1		5	2				Nannofossil ooze
A	16	H	3	48	142.78	M			100	3		3			17			3		4	63	1		5	1				Pyrite-bearing nannofossil ooze
A	16	H	5	40	145.7	D			100	2					2			2		3	83	1		6	1				Nannofossil ooze
A	17	H	1	40	149.2	D			100			1			1			1		4	87			5	1				Nannofossil ooze
A	17	H	3	40	152.2	D			100		1					1		2		7	83			4	2				Nannofossil ooze
A	17	H	3	112	152.92	M			100	1					1			1		3	91			3					Nannofossil ooze
A	17	H	5	40	155.2	D			100	1	1				1	1		2		3	85	1		4	1				Nannofossil ooze
A	18	H	1	40	158.7	D			100						1	1		1		8	83	1		4	1				Nannofossil ooze

Sample							Texture			Mineral								Biogenic										Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Diatoms	Dinoflagellate	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Lithic Fragments	Rock Fragment	Comments
1172																													
A	18	H	3	40	161.7	D			100							1		2		5	85	1		4	2				Nannofossil ooze
A	18	H	5	40	164.7	D			100			1		1	1			3		4	82	2		4	2				Nannofossil ooze
A	19	H	2	40	169.7	D			100			1			1			1		3	89	1		4					Nannofossil ooze
A	19	H	3	40	171.2	D			100	1	2				1					4	88	1		3					Nannofossil ooze
A	19	H	6	40	175.7	D			100						1					8	87			3	1				Nannofossil ooze
A	20	H	1	50	177.8	D			100		1	3				1		3		3	83	1		5					Nannofossil ooze
A	20	H	3	90	181.2	D			100			5			1	1		2		2	85	1		3					Nannofossil ooze
A	20	H	5	140	184.7	D			100		1	3						2		2	85	2		5					Nannofossil ooze
A	21	H	1	72	187.52	D			100			2				2				2	90		1	3					Nannofossil ooze
A	21	H	4	98	192.28	D			100			2			1	1				3	90			3					Nannofossil ooze
A	21	H	CC	8	196.56	D			100			3			1	1				7	88								Nannofossil ooze
A	22	H	3	64	199.94	D			100	1	1	2			1	1				9	84			1					Nannofossil ooze
A	22	H	5	110	203.4	D			100		1	2			1	1		1		9	81	1	3						Nannofossil ooze
A	22	H	7	40	205.7	D			100		1	1			1	1		1		7	86	1		1					Nannofossil ooze
A	23	H	2	70	208	D			100	1	1	1								2	94			1					Nannofossil ooze
A	23	H	4	70	211	D			100		1	2			1					4	89	1		2					Nannofossil ooze
A	23	H	6	70	214	D			100		1	1			1					1	94	1	1						Nannofossil ooze
A	24	H	2	104	217.84	D			100		1	1				1		1		2	92	1		1					Nannofossil ooze
A	24	H	4	75	220.55	D			100		1	1			1					2	93	1		1					Nannofossil ooze
A	25	X	1	50	225.3	D			100		1	1						1		5	89	1	2						Nannofossil ooze
A	25	X	3	50	227.8	D			100		1	2						1		3	91			2					Nannofossil ooze
A	26	X	1	50	230.6	D			100			2						1		3	92			2					Nannofossil ooze
A	26	X	3	130	234.4	D			100		1	5						1		1	89			3					Nannofossil ooze
A	26	X	4	53	235.13	M			100		25	7				2	5	1		20	37	2		1					Carbonate, foraminifer-bearing nannofossil ooze
A	27	X	2	20	241.4	D			100	1		5			1			1		3	87	1		1					Nannofossil ooze
A	27	X	4	120	245.4	D			100		2	5						3		7	79	1		3					Nannofossil ooze
A	28	X	1	40	249.7	D			100											8	88			2	2				Nannofossil ooze
A	28	X	3	40	252.7	D			100											2	95			2	1				Nannofossil ooze
A	28	X	5	40	255.4	D			100											7	89			2	2				Nannofossil ooze
A	29	X	1	40	259.3	D			100											6	89			3	2				Nannofossil ooze
A	29	X	3	40	262.3	D			100											3	94	1		1	1				Nannofossil ooze
A	29	X	5	40	265.3	D			100	1										5	90			2	2				Nannofossil ooze
A	30	X	1	40	268.4	D			100											2	97			1					Nannofossil ooze
A	30	X	3	40	271.4	D			100						1					5	90			2	2				Nannofossil chalk
A	30	X	5	40	274.4	D			100			1								10	84			2	3				Foraminifer-bearing nannofossil chalk
A	31	X	1	40	278	D			100	1	2	1				1				10	81			3	1				Foraminifer-bearing nannofossil chalk
A	31	X	3	40	281	D			100			1								11	85			1	2				Foraminifer-bearing nannofossil chalk
A	31	X	4	114	283.24	D			100	2	1	1			1	1				13	74			4	3				Foraminifer-bearing nannofossil chalk
A	31	X	5	40	284	D			100	1	1					1				7	86			2	2				Nannofossil chalk
A	32	X	1	40	287.6	D			100			1			1					10	84			2	2				Foraminifer-bearing nannofossil chalk
A	32	X	2	55	289.25	M			100	12		2				1				14	66			2	3				Foraminifer-bearing nannofossil chalk
A	32	X	3	40	290.6	D			100			1			1	1				11	83			3					Foraminifer-bearing nannofossil chalk
A	32	X	5	40	293.6	D			100						1					16	77			3	3				Foraminifer-bearing nannofossil chalk
A	33	X	1	40	297.2	D			100											7	90			1	2				Nannofossil chalk
A	33	X	3	40	300.2	D			100											13	82			2	3				Foraminifer-bearing nannofossil chalk
A	33	X	5	40	303.2	D			100											15	81			1	3				Foraminifer-bearing nannofossil chalk
A	34	X	1	40	306.9	D			100	1	1	1			1	1				7	86			1	1				Nannofossil chalk
A	34	X	3	40	309.9	D			100	1							9			10	78				2				Foraminifer-bearing nannofossil chalk
A	34	X	5	40	312.9	D			100	1					1		2			12	81				3				Foraminifer-bearing nannofossil chalk
A	35	X	1	50	316.6	D			100		3					1				9	86	1							Nannofossil chalk

Sample							Texture			Mineral								Biogenic									Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Diatoms	Dinoflagellate	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Lithic Fragments	Rock Fragment	Comments
1172																													
A	35	X	3	90	320	D			100	1	4									1	94								Nannofossil chalk
A	35	X	6	46	324.06	D			100	1	1				1					5	92								Nannofossil chalk
A	36	X	2	100	328.2	D			100	1		5				1				15	77					1			Foraminifer-bearing nannofossil chalk
A	36	X	4	60	330.8	D			100	1	6	5			1	1				5	80					1			Nannofossil chalk
A	36	X	5	101	332.71	D			100	1	4	5			1	1				10	77					1			Foraminifer-bearing nannofossil chalk
A	37	X	2	66	337.46	D			100		5	7			1	1				7	79								Nannofossil chalk
A	37	X	4	65	340.45	D			100		2	10			1	1	1			15	64			3	3				Clay-and foraminifer-bearing nannofossil chalk
A	37	X	6	90	343.7	D			100		7	15				7	1			10	48			5	7				Foraminifer-and clay-bearing nannofossil chalk
A	37	X	7	5	344.06	M			100		5	35				7	5			5	35			5	3				Nannofossil claystone
A	38	X	1	70	345.6	D			100		3	15				3	3			15	56			2	3				Foram-and clay-bearing nannofossil chalk
A	38	X	1	124	346.14	D			100		5	10				3	3			7	65	1		3	3				Clay-bearing nannofossil chalk
A	38	X	3	60	348.5	M			100		5	15				2		1		7	66	1		3					Silt-and clay-bearing nannofossil chalk
A	38	X	4	65	350.05	D			100		5	20			1	10	10			3	45	1		5					Clay-bearing nannofossil chalk
A	38	X	4	118	350.58	M	5	75	20		7	15	3		3	25	19	1			15	2		7	3				Nannofossil-bearing ashy siltstone
A	38	X	5	55	351.45	M			100		5	10				5	5	3		15	53	1		3					Clay-and foraminifer-bearing nannofossil chalk
A	39	X	1	60	355.2	D			100		1	15			1	2	2	5			65	2		7					Clay-bearing nannofossil chalk
A	39	X	2	20	356.3	D			100		2	25	3		3	10	5	10			28	7		7					Diatom-silt and clay-bearing nannofossil chalk
A	39	X	2	131	357.41	D			100		2	30			2	15	5	30			3	5		8					Silty diatomaceous claystone
A	39	X	3	11	357.71	M			100		1	78			3	10	5	1			1			1					Silty claystone
A	39	X	3	37	357.97	M			100			30			7	7	54	1			1								Volcanic glass
A	39	X	4	26	359.36	D			100			21	15		1	20	5	25			1	2		10					Spicules- and diatom-bearing siltstone
A	39	X	4	112	360.22	D			100	1		47	10		2	10	7	15					1	7					Diatom-bearing silty claystone
A	39	X	5	6	360.66	D			100			28	15			15	5	30				2		5					Diatomaceous clayey siltstone
A	39	X	6	100	363.1	D			100			48	2		2	10	3	15			15			5					Diatom- and nannofossil-bearing silty claystone
A	40	X	1	40	364.6	D		5	95	4		20	1	2	8	4	2	23		2	22	3	2	3		3		1	Clay and nannofossil bearing diatomaceous chalk
A	40	X	3	40	367.6	D		9	91	4		23		1	3	5		24		2	23	4	5	4		2			Clay and nannofossil bearing diatomaceous chalk
A	40	X	4	40	369.1	M		7	93	4		24	1		6	5	1	24			22	3	3	3		4			Diatom and nannofossil bearing claystone
A	40	X	5	40	370.6	D		15	85	3		23	1	1	4	8	1	25			23	5		3		3			Clay and nannofossil bearing diatomaceous chalk
A	41	X	1	40	374.2	D		10	90	4		24	1		4	5	3	23		1	22	3	2	3		3		2	Diatom and nannofossil bearing claystone
A	41	X	3	40	377.2	D		10	90	3		22		1	6	4	2	22		1	23	3	2	4		4		3	Diatom and clay bearing nannofossil chalk
A	41	X	5	40	380.05	D		20	80	4		23	1	1	4	10	3	21			23	2		2		5		1	Diatom and clay bearing nannofossil chalk
A	41	X	7	14	382.79	M		5	95			33			15	2	21	7			6	2	1	2		11			Siltstone (volcanoclastic?)
A	42	X	1	40	383.8	D	5	9	86	3		48	1	1	4	6	3	18			5	1	1	4		3		2	Diatom-bearing claystone
A	42	X	3	40	386.8	D	2	5	93	3		35	1		4	6	2	20			21		2	3		3			Diatom and nannofossil bearing claystone
A	42	X	3	127	387.67	M	60	25	15	4		5	1	4	7	4	57	7			5			2		4			(Volcanoclastic) sand
A	42	X	3	19	386.59	M		35	65			54			8		17	5						2		14			Silty claystone (volcanoclastic?)
A	42	X	5	40	389.8	D	15	30	55			31	1		4	6	7	21			17	3	2	4		4			Diatom and nannofossil bearing silty claystone
A	43	X	1	40	393.4	D	2	6	92	4		30		3	3	4	2	23		1	16	2	1	4		5		2	Diatom and nannofossil bearing claystone
A	43	X	1	145	394.45	M	40	55	5	5		3		4	12	6	45	9			6	1		1		2		6	(Volcanoclastic) sandy silt
A	43	X	3	40	396.4	D	1	6	93	4		31			3	3	3	22			23	2		3		4		2	Diatom and nannofossil bearing claystone
A	43	X	5	40	399.4	D	3	6	91	3		27		1	7	3	3	20		2	21	1	1	3		5		3	Diatom and nannofossil bearing claystone
A	44	X	1	40	403	D	10	7	83	3		37			4	4	3	27			8	4		3		3		4	Diatomaceous claystone
A	44	X	3	40	406	D	3	9	88	2		37		1	5	4	4	30			5	3	1	1		3		4	Diatomaceous claystone
A	44	X	5	40	409	D	6	15	79			33			4	5	5	29			7	3	1	2		5		6	Diatomaceous claystone
A	45	X	1	40	412.6	D	7	12	81	2		49			3	5	4	22			4	3		3		2	3		Diatom-bearing claystone
A	45	X	3	40	415.6	D	5	9	86	3		36			4	6	6	26			7	2		4		3	3		Diatomaceous claystone
A	45	X	5	40	418.6	D	4	8	88	3		34			7	4	2	31			4	5	2	2		3	3		Diatomaceous claystone
A	45	X	6	94	420.64	M	60	20	20	5		12		2	7	5	50	9				2		3			5		Volcanoclastic sand
A	46	X	2	95	424.25	D	5	15	80			40	1		2	8	2	25			12	7		2			1		Nannofossil-bearing diatomaceous claystone
A	46	X	5	59	428.39	D	10	20	70			35			2	10	1	30			10	8		3			1		Nannofossil bearing diatomaceous claystone

Sample							Texture			Mineral								Biogenic										Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Diatoms	Dinoflagellate	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Lithic Fragments	Rock Fragment	Comments
1172																													
A	46	X	6	97	430.27	M	10	20	70			33	1		1	12	1	35			10	5		2					Nannofossil bearing diatomaceous claystone
A	47	X	2	94	433.84	D	3	40	57	1	1	28			5	20		35			8			2					Diatomaceous claystone
A	47	X	5	90	438.3	D	7	30	63	1		30	1		5	15	1	39				2				6			Diatomaceous claystone
A	47	X	7	38	440.78	D	8	15	77	12		30			6	14	1	28				1		2		6			Diatomaceous claystone
A	48	X	3	66	444.66	D	10	30	60			40	3		1	20	1	30			2	2		1					Diatomaceous claystone
A	48	X	5	108	448.08	D	10	30	60			45	2		2	13	3	28			2	5							Diatomaceous claystone
A	48	X	7	43	450.43	D	10	25	65			45	1		3	12	2	28			2	5		2					Diatomaceous claystone
A	49	X	1	70	451.3	D	2	38	60			43			1	10		40				2	1		3				Diatomaceous claystone
A	49	X	3	70	454.3	D	5	40	55			38	1		5	15	3	35				1		2					Diatomaceous claystone
A	49	X	5	70	457.3	M	2	28	70	3		55			3	10		25			1	1		2					Diatom-bearing silty claystone
A	51	X	1	70	470.5	D	1	39	60	2		43			3	20	3	25				2		2					Diatom-bearing silty claystone
A	51	X	3	70	473.5	D	5	40	55	1		40			2	20	2	30				2		3					Diatomaceous claystone
A	52	X	1	70	480.1	D	2	33	65			49	1		2	15	2	30				1							Diatomaceous claystone
A	52	X	3	70	483.1	D	7	38	55			38	2		2	25	3	25				2		3					Diatom-bearing silty claystone
A	52	X	5	70	486.1	D	1	34	65			53			2	15	2	25				1		2					Diatom-bearing silty claystone
A	53	X	1	137	490.37	D	5	40	55			39			1	25	1	30				2		2					Diatomaceous claystone
A	53	X	4	24	493.74	D	1	34	65			56			1	10		30				2		1					Diatomaceous claystone
A	53	X	6	57	497.07	D	1	29	70	3		46	1		2	7	1	30			7	3							Diatomaceous claystone
A	54	X	1	60	499.2	D			100	1		38			1	5		40			10	3		2					Nannofossil-bearing clayey diatomaceous chalk
A	54	X	3	60	502.2	D		30	70	1		44			2	3	1	40			7	2							Diatomaceous claystone
A	55	X	1	36	508.66	D	1	23	76			76			3	15	1				5								Silty claystone
A	56	X	CC	20	518.2	D		5	95	4		66			14	4			2		10								Nannofossil-bearing claystone
A	56	X	CC	12	518.12	D	1	24	75	1		72			3	7	2				15								Nannofossil-bearing claystone

Sample							Texture			Mineral						Biogenic						Rock			
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Mica	Opaques	Quartz	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	organic debris	Lithic Fragments	Comments
1172																									
B	1	H	1	40	0.4	D			100		1	1		2	1		50	40			1	4			Nannofossil foraminiferal ooze
B	1	H	2	40	1.9	D			100	2	2		1	3	1		16	71			1	3			Foraminifer-bearing nannofossil ooze
B	2	H	1	40	3.3	D			100	1	2			2			18	73				4			Foraminifer-bearing nannofossil ooze
B	2	H	3	40	6.3	D			100	1	2			2			13	79			1	2			Foraminifer-bearing nannofossil ooze
B	2	H	5	40	9.3	D			100	1	1			2			26	65			2	3			Foraminifer nannofossil ooze
B	3	H	1	40	12.8	D			100	2	5	2		2	1		25	55			1	7			Foraminifer-bearing nannofossil ooze
B	3	H	3	40	15.8	D			100	1	4	3	1	1			23	61			1	5			Foraminifer-bearing nannofossil ooze
B	3	H	5	40	18.8	D			100	2	4			2	1		20	65	1		1	4			Foraminifer-bearing nannofossil ooze
B	4	H	1	40	22.3	D			100	3	4	2		4			7	75			1	3		1	Nannofossil ooze
B	4	H	3	40	25.3	D			100	3	3	2		3	1		17	59	2		2	6		2	Foraminifer-bearing nannofossil ooze
B	4	H	5	40	28.3	D			100	2	2	1		2			13	75			3	2			Foraminifer-bearing nannofossil ooze
B	5	H	1	40	31.8	D			100	4	6	5	1	4	3	2	9	59	1		1	5			Nannofossil ooze
B	5	H	3	40	34.8	D			100	1	1			3			8	81	1		2	3			Nannofossil ooze
B	5	H	5	40	37.8	D			100		1			1			4	90			1	3			Nannofossil ooze
B	6	H	1	40	41.3	D			100	1	2			3			4	87			1	2			Nannofossil ooze
B	6	H	3	40	44.3	D			100	2	3			2	1		4	85				3			Nannofossil ooze
B	6	H	5	40	47.3	D			100	3	2			2			6	84				3			Nannofossil ooze
B	7	H	1	40	50.8	D			100		3			2			5	88				2			Nannofossil ooze
B	7	H	3	40	53.8	D			100	1	3			1			9	82			1	3			Nannofossil ooze
B	7	H	5	40	56.8	D			100		1			1	1		7	88				2			Nannofossil ooze
B	8	H	2	40	61.8	D			100	1	2			2			6	87				2			Nannofossil ooze
B	8	H	3	40	63.3	D			100		1			1	1		8	87				2			Nannofossil ooze
B	8	H	5	40	66.3	D			100	1	2			1	1		4	90				1			Nannofossil ooze
B	9	H	2	60	71.5	D			100			7			2		7	83				1			Nannofossil ooze
B	9	H	5	60	76	D			100		1	5		1	2		10	81							Foraminifer-bearing nannofossil ooze
B	10	H	2	80	81.2	D			100		1	3			1		5	86	1		1	2			Nannofossil ooze
B	10	H	4	40	83.8	D			100			3				1	7	88				1			Nannofossil ooze
B	10	H	6	95	87.35	M			100		1	15		5	2		12	60	2			3			Clay-bearing nannofossil ooze
B	11	H	1	106	89.46	D			100		1	6		2			8	82			1				Nannofossil ooze
B	11	H	3	60	92	D			100	1	1	5		1	1		7	83			1				Nannofossil ooze
B	11	H	5	116	95.56	D			100	1	1			4	1		6	86			1				Nannofossil ooze
B	11	H	6	66	96.56	M			100	4	1	10			1		3	75			2		4		Clay-bearing nannofossil ooze
B	12	H	4	80	103.2	D			100	1	2	8		1	1		3	82			2				Nannofossil ooze
B	12	H	7	60	107.5	D			100		3	9		1	1		4	80			2				Nannofossil ooze
B	13	H	2	74	109.07	D			100		2	1		1	1		5	85			3	2			Nannofossil ooze
B	13	H	5	50	113.33	D			100		2	2		1	1		2	88			2	2			Nannofossil ooze
B	14	H	2	97	119.37	D			100			6		1	1	10	3	77	1			1			Diatom-bearing nannofossil ooze
B	14	H	3	120	121.1	D			100			5		1	1	8	3	80	1			1			Nannofossil ooze
B	14	H	6	66	125.06	D			100			4			4		3	84	3	1	1				Nannofossil ooze
B	15	H	3	104	130.44	D			100		1	9		1	1	8	3	71	1		5				Nannofossil ooze
B	15	H	6	90	134.8	D			100		1	7		2	1	3		81	1		4				Nannofossil ooze
B	16	H	1	70	136.6	D			100		2	5		1		2	2	87			1				Nannofossil ooze
B	16	H	4	130	141.7	D			100		5	5		1		8	2	76	1		2				Nannofossil ooze
B	16	H	7	30	145.2	D			100	1	3	5				9		80	1		1				Nannofossil ooze
B	17	H	1	40	145.8	D			100		1			1		1	4	85	1		6	1			Nannofossil ooze
B	17	H	3	40	148.8	D			100	1	1			1			3	87	1		5	1			Nannofossil ooze
B	17	H	5	40	151.8	D			100	1	1					2	4	82	2	1	5	2			Nannofossil ooze
B	18	H	1	40	155.3	D			100		1			1			4	88	1		4	1			Nannofossil ooze
B	18	H	3	40	158.3	D			100					1	1	1	5	85	2	1	4				Nannofossil ooze

Sample							Texture			Mineral						Biogenic						Rock			
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Mica	Opaques	Quartz	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	organic debris	Lithic Fragments	Comments
1172																									
B	18	H	5	40	161.3	D			100	1	1			1		3	4	85	1		3			1	Nannofossil ooze
B	19	H	1	40	164.8	D			100	1	1			1		2	5	83	1		6				Nannofossil ooze
B	19	H	3	40	167.8	D			100					1			4	90	1		3	1			Nannofossil ooze
B	19	H	5	40	170.8	D			100		1					1	4	86	2	1	3	2			Nannofossil ooze
B	20	H	1	40	174.3	D			100								3	94	1		2				Nannofossil ooze
B	20	H	3	40	177.3	D			100							1	4	92	1		2				Nannofossil ooze
B	20	H	5	40	180.3	D			100							1	4	92	1		2				Nannofossil ooze
B	21	H	1	40	183.8	D			100					1			4	92	1		2				Nannofossil ooze
B	21	H	3	40	186.8	D			100		1			1		1	4	88	1		3	1			Nannofossil ooze
B	21	H	5	40	189.8	D			100		1						6	87			4	2			Nannofossil ooze
B	22	H	1	40	193.3	D			100	1							5	90			2	2			Nannofossil ooze
B	22	H	3	40	196.3	D			100								6	91	1		1	1			Nannofossil ooze
B	22	H	5	40	199.3	D			100	1							11	86			2				Foraminifer-bearing nannofossil ooze

Sample							Texture			Mineral						Biogenic								Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Opaques	Quartz	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Bioclasts	Lithic Fragments	Organic Debris, Organic Matter	Comments
1172																										
C	1	H	1	40	0.4	D			100	3	4	2	3	1			28	51			2	5		1		Foraminifer nannofossil ooze
C	1	H	3	40	3.4	D			100	2	3	2	2				26	59			1	5				Foraminifer nannofossil ooze
C	1	H	5	40	6.4	D			100	2	3		2				16	71			1	5				Foraminifer-bearing nannofossil ooze
C	2	H	1	40	9.9	D			100	2	2		2				12	78	1			3				Foraminifer-bearing nannofossil ooze
C	2	H	3	40	12.9	D			100	2	4		3				20	65			2	4				Foraminifer-bearing nannofossil ooze
C	2	H	5	40	15.9	D			100	2	2		1				11	79			2	3				Foraminifer-bearing nannofossil ooze
C	3	H	1	60	19.6	D			100		2	25	1	1		2	8	60	1							Clay-bearing nannofossil ooze
C	3	H	3	5	22.05	D			100		1	15	2	4		1	3	73	1							Clay-bearing nannofossil ooze
C	3	H	6	70	27.2	D			100			15		1			2	81					1			Clay-bearing nannofossil ooze
C	4	H	2	54	30.54	D			100		2	15	2	3		1	1	75	1							Clay-bearing nannofossil ooze
C	4	H	5	42	34.92	D			100		1	10			1	1	5	80			1		1			Clay-bearing nannofossil ooze
C	5	H	2	117	40.67	D			100	1	1	20	1	1			3	72			1					Clay-bearing nannofossil ooze
C	5	H	5	76	44.76	D			100	1	2	15	1	1			5	74			1					Clay-bearing nannofossil ooze
C	6	H	4	80	52.8	D			100		1	1	1	1			5	91								Nannofossil ooze
C	6	H	7	16	56.46	D			100		3	3	1	1			10	82								Foraminifer-bearing nannofossil ooze
C	7	H	2	90	59.4	D			100		3	2	1	1			10	83								Foraminifer-bearing nannofossil ooze
C	7	H	5	86	63.86	D			100		5	2	1	1			15	76								Foraminifer-bearing nannofossil ooze
C	8	H	2	50	68.5	D			100		3	9	1				6	78			1		2			Nannofossil ooze
C	8	H	6	114	75.14	D			100		4	9	1	1			9	75							1	Nannofossil ooze
C	9	H	3	80	79.8	D			100		4	9	1			1	8	74			1		2			Nannofossil ooze
C	9	H	6	33	83.83	D			100	1	4	9	1	1			7	77								Nannofossil ooze
C	10	H	1	140	86.9	D			100		2	10	1	4			3	79					1			Clay-bearing nannofossil ooze
C	10	H	4	43	90.43	D			100		2	5					8	85								Nannofossil ooze
C	11	H	1	40	95.4	D			100	3	1		3				4	86			1	2				Nannofossil ooze
C	11	H	3	40	98.4	D			100	2	1		2				2	89			2	2				Nannofossil ooze
C	11	H	5	40	101.4	D			100	2			2				4	87			3	2				Nannofossil ooze
C	12	H	1	40	104.9	D			100	1	1	1	4				4	86			2	1				Nannofossil ooze
C	12	H	3	40	107.9	D			100	1	1		2				2	90			3	1				Nannofossil ooze
C	12	H	5	40	110.9	D			100	1			2				4	88	1		2	2				Nannofossil ooze
C	13	H	1	40	114.4	D			100	2		1	3				5	86			2	1				Nannofossil ooze
C	13	H	3	40	117.4	D			100	2	1		2				4	88			2	1				Nannofossil ooze
C	13	H	4	40	118.9	D			100	2	2		2			1	5	81	1		4	2				Nannofossil ooze
C	14	H	1	40	123.9	D			100	1	1		2			1	4	83	2		4	2				Nannofossil ooze
C	14	H	3	40	126.9	D			100	1			2	1		2	3	85	1		4	1				Nannofossil ooze
C	14	H	5	40	129.9	D			100	1	1	2				2	2	85	2	1	3	1				Nannofossil ooze
C	15	H	1	40	133.4	D			100	1			2			2	3	84	2		4	2				Nannofossil ooze
C	15	H	3	40	136.4	D			100	1			1			1	2	92			2	1				Nannofossil ooze
C	15	H	5	40	139.4	D			100		1		1			2	5	83	1	1	3	3				Nannofossil ooze
C	16	H	1	40	142.9	D			100	2	2	2	2			3	4	76	2	1	5	1				Nannofossil ooze
C	16	H	3	40	145.9	D			100	1	1	2	1			2	3	80	2	2	5	1				Nannofossil ooze
C	16	H	5	40	148.9	D			100	1	3		1			4	7	74	2		6	2				Nannofossil ooze
C	17	H	1	40	152.4	D			100	1	2	3	2			2	5	75	2	1	5	2				Nannofossil ooze
C	17	H	3	40	155.4	D			100	1		1				1	3	88	1		4	1				Nannofossil ooze
C	17	H	5	40	158.4	D			100	1	1	2	1			1	4	85	1		3	1				Nannofossil ooze
C	18	H	1	40	161.9	D			100			1				1	4	86	2		5	1				Nannofossil ooze
C	18	H	3	40	164.9	D			100			1	1			2	3	85	3		5					Nannofossil ooze
C	18	H	5	40	167.9	D			100			1				1	3	90	2		3					Nannofossil ooze

Sample							Texture			Mineral									Biogenic									Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Organic debris	Bioclasts	Organic Debris, Organic Matter	Rock Fragment	Comments
1172																														
D	2	R	2	66	355.36	D			100		1	10				1	1		20		63	3	1						Clay-and diatom-bearing nannofossil chalk
D	2	R	4	37	358.07	D			100		2	15					1		20		54	5	1	2					Clay-and diatom-bearing nannofossil chalk
D	2	R	4	142	359.12	M	12	20	68	15		13	15				40		5		8	1		3					Volcanic sandy siltstone
D	2	R	5	67	359.87	D	20	30	50	8		25	25			15			15		1	5	1	5					Diatom-, glauconite-bearing silty claystone
D	2	R	6	52	361.22	D	10	40	50			40	2			10	20		2		24			2					Silty volcanic glass, nannofossil-bearing claystone
D	2	R	7	18	362.38	D	8	30	62		1	35	5			20	2	1	15		10	5	1	5					Nannofossil-, diatom-bearing silty claystone
D	3	R	1	50	363.3	D		10	90		2	35	1			10	15		10		23		1	3					Diatom-, nannofossil-bearing silty claystone
D	3	R	3	80	366.6	D		10	90		4	41	1		1	10	3		15	1	20		1	3					Diatom-,nannofossil-bearing claystone
D	3	R	5	30	369.1	D		7	93	2	3	40	1		1	3	6		20	1	20		1	1	1				Diatom-,nannofossil-bearing claystone
D	4	R	2	40	499.3	D	2	10	88	2		41				5	2		30		19	1							Nannofossil-bearing diatomaceous claystone
D	4	R	3	110	501.5	D	2	8	90	1	2	38				10	1		40		7			1					Diatomaceous claystone
D	4	R	5	70	504.1	D	2	4	94	1		72			3	10	1		1		10				2				Nannofossil bearing claystone
D	5	R	2	100	509.5	D	2	15	83	1		77	1		5	12	1		1		2								Claystone
D	5	R	3	53	510.53	D	7	10	83	1		68			5	20	2	1	1		2								Silty claystone
D	5	R	4	73	512.23	D	2	10	88	2		70			1	15	3				9								Claystone
D	6	R	1	10	516.7	D	3	9	88	2		48			5	10					30				5				Nannofossil claystone
D	6	R	3	110	520.7	M	5	15	80			62	1		5	30	1								1				Silty claystone
D	7	R	1	102	527.22	D	3	20	77	1	1	58	1		5	25	1				2				6				Silty claystone
D	7	R	4	24	530.94	D	5	15	80	2	1	59				20	1				15				2				Nannofossil-bearing claystone
D	7	R	6	117	534.87	D	12	30	58		1	43			4	40	1		1		2	1			7				Silty claystone
D	8	R	1	40	536.2	D	7	12	81	10	1	59		1	15	6						5			3				Silty claystone
D	8	R	3	40	539.2	D	4	3	93	6	1	60		1	13	5	1		1		8				4				Silty claystone
D	8	R	5	40	542.2	D	3	5	92	7	3	65		1	9	4	1				7				3				Claystone
D	9	R	1	40	545.8	D	3	4	93	6	1	63		1	6	4	1			1	14				3				Nannofossil-bearing claystone
D	9	R	3	40	548.8	D	2	4	94	6		80			3	3	1				2			1	4				Claystone
D	9	R	5	40	551.8	D	4	13	83	6	2	76		1	3	6					4				2				Claystone
D	10	R	1	40	555.5	D	2	4	94	3	1	76			3	3	2				8				4				Claystone
D	10	R	3	40	558.5	D	5	4	91	5		79		1	2	6	1				4				2				Claystone
D	10	R	5	40	561.5	D	2	6	92	5	1	73			2	4	1				11				3				Nannofossil-bearing claystone
D	11	R	1	40	565.1	D	4	8	88	4		85			1	5	1				1				3				Claystone
D	11	R	3	40	568.1	D	2	8	90	4		83		1	3	4	1				1				3				Claystone
D	11	R	5	40	571.1	D	2	4	94	4		87			2	4	1								2				Claystone
D	12	R	1	40	574.7	D	3	7	90	4		80			1	6	2								3			4	Claystone
D	12	R	3	40	577.7	D	2	10	88	2		86		1	2	4	1								3			1	Claystone
D	12	R	5	40	580.7	D	7	10	83	3		77		1	1	8	2								4			4	Claystone
D	13	R	1	40	584.3	D	7	10	83	6		78			3	9	2								2				Claystone
D	13	R	3	40	587.3	D	4	10	86	7		80	1		2	6	2								2				Claystone
D	13	R	5	40	590.3	D	6	8	86	5		85			2	4	1				1				2				Claystone
D	14	R	2	30	595.3	D	10	41	49			49	7		3	40					1								Silty claystone
D	14	R	5	30	599.8	D	1	49	50			49	1	1	5	40	2		1		1								Silty claystone
D	15	R	1	50	603.6	D	5	42	53			53	3		3	40	1												Silty claystone
D	15	R	3	100	607.1	D	2	38	60			60	7		2	30			1										Silty claystone
D	15	R	5	80	609.9	D	10	34	56			56	2		3	30	2								7				Silty claystone
D	16	R	3	40	616.1	D		15	85			85			5	5	2				1				2				Claystone
D	16	R	4	60	617.8	D	1	25	74	1		74			2	20	1				1				1				Silty claystone
D	17	R	1	40	622.7	D	1	39	60	1		57	2		5	25									10				Organic-bearing silty claystone
D	17	R	3	58	625.88	D	1	39	60	1		56	3		3	30	2								5				Silty claystone
D	18	R	1	39	632.29	D		15	85			68	3		5	10					2			1		1	10		Organic-bearing silty claystone
D	18	R	4	51	636.91	D		30	70		5	60	2		7	20	3			1					2				Silty claystone

Sample							Texture			Mineral									Biogenic								Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Organic debris	Bioclasts	Organic Debris, Organic Matter	Rock Fragment	Comments
1172																													
D	18	R	4	134	637.74	D		20	80	3	7	64	1		2	15	5				1				2				Silty claystone
D	19	R	1	70	642.2	D	7	50	43			46	1		7	40	1										5		Clay siltstone
D	19	R	3	70	645.2	D	5	55	40		2	43	1		9	40											5		Clay siltstone
D	20	R	1	70	651.8	D	7	60	33	1	1	39			9	45									5				Clay siltstone
D	20	R	3	140	655.5	D	7	50	43	1		49	1		7	40	1		1										Silty claystone
D	20	R	6	94	659.54	M	5	35	60			60	4		3	25	5										3		silty claysotne
D	21	R	1	40	661.1	D	12	26	62	7		73	2		4	7	2								5				Silty claystone
D	21	R	3	40	664.1	D	4	20	76	6		78	1		5	4	2								4				Claystone
D	22	R	1	40	670.7	D	2	15	83	3		88			5	2	1								1				Claystone
D	23	R	1	40	680.4	D	15	25	60	7		73			4	10	1								5				Silty claystone
D	24	R	2	40	691.6	D	20	45	35	12		59	10		7	5	2								5				Silty claystone
D	24	R	4	40	694.6	D	20	45	35	9		57	17		8	3	1								5				Silty claystone
D	24	R	5	50	696.2	D	1	10	89	4		85			3	6	1								1				Claystone
D	24	R	5	30	696	D	3	25	72	4		74			3	15	3								1				Silty claystone
D	24	R	5	90	696.6	D	25	55	20	27		56			5	8	1								3				Sandy siltstone
D	24	R	6	40	697.6	D	2	15	83	5		85			6		1								3				Claystone
D	25	R	1	40	699.7	D	2	26	72	7		69	1		8	12	1								2				Silty claystone
D	25	R	4	40	704.2	D	3	26	71	7		64			12	14	1								2				Silty claystone
D	26	R	2	40	710.78	D	4	20	76	4		80			3	7					1				1			4	Claystone
D	26	R	5	40	715.03	D	2	12	86	3		81	1		5	4					2				2			2	Claystone
D	26	R	6	80	716.93	D	3	20	77	4	13	62			8	5					4				3			1	Silty claystone
D	26	R	CC	10	717.28	M			100	1	90	5			2										2				Limestone
D	27	R	2	40	720.16	D	2	28	70	2		81	1		7	5	1								2			1	Claystone
D	27	R	5	40	724.56	D	2	20	78	3		80			5	7	1								2			2	Claystone
D	28	R	1	40	728.5	D	1	8	91	2		85			5	4	1				1				2				Claystone
D	28	R	4	40	732.97	D	3	12	85	3		82	1		6	6					1				1				Claystone
D	29	R	2	75	739.95	D		15	85			82			2	10	2	1							3				Claystone
D	29	R	5	80	744.5	D	2	23	75			74			3	15	7								1				Claystone
D	31	R	5	56	763.46	M	5	20	75	1		49	1		7	40											2		Silty claystone
D	31	R	7	30	765.7	D	2	15	83	1		57			5	35	1										1		Silty claystone